Usenet Newsgroup Archive: rec.radio.amateur.boatanchors

2010

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Date span: 2010-01-01 through 2010-12-28

Source text: rec.radio.amateur.boatanchors.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 749

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re: archer / radio - shack swr / f.s.m. meter schematic

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 01:00:02 UTC
From: W0PBV <mcalhoun@ksu.edu>
Message-ID: <de858c1d-2ebe-4e07-82bc-0896b7de5e2e@z41g2000yqz.googlegroups.com>
Source record: 1521

> contact me at   wbelsito at aol dot com

I can email scanned pages of the entire "manual" (two pages!-) of the
Archer
60-4005 "Space Patrol Walkie Talkie" or I can put them on my website
and let you snarf them yourself. Your call.

--W0PBV.

2. Re: archer / radio - shack swr / f.s.m. meter schematic

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 01:02:08 UTC
From: W0PBV <mcalhoun@ksu.edu>
Message-ID: <0d7df57b-23ff-4044-89cd-92f6c4335016@m25g2000yqc.googlegroups.com>
Source record: 1522

```
On Dec 31, 7:00 pm, W0PBV <mcalh...@ksu.edu> wrote:
> > contact me at    wbelsito at aol dot com
>
> I can email scanned pages of the entire "manual" (two pages!-) of the
> Archer
> 60-4005 "Space Patrol Walkie Talkie" or I can put them on my website
> and let you snarf them yourself.  Your call.

Whoops! I replied to the wrong post! Sorry.
--W0PBV.
```

3. Re: Sort of boat anchor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 01:03:27 UTC
From: W0PBV <mcalhoun@ksu.edu>
Message-ID: <52a6b9a2-7e2e-4f16-a670-b6e0bd53bcda@m26g2000yqb.googlegroups.com>
Source record: 1523

> I'm looking for the schematic of the old Archer "Space Patrol" walkie
> talkie or similar. I think this tpye all used a very similar circuit with a
> superregenerative rx that used the same stage as a non-crystal controlled
> oscillator on tx along with a 2(?) stage audio amp.

I can email scanned pages of the entire "manual" (two pages!-) of the
Archer
60-4005 "Space Patrol Walkie Talkie" or I can put them on my website
and
let you snarf them yourself. Your call.
--W0PBV.

4. restoring an SP-600

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 12:32:17 UTC
From: moreradio <moreradio@alice.it>
Message-ID: <4b3deb51$0$1133$4fafbaef@reader3.news.tin.it>
Source record: 1524

Hello,
as a winter project I'm restoring an SP-600, just finished the mechanical part I'm working on the electronics.
I wonder if anybody in BAland has tested the BFO waveform and say if I'm right or not.
Checking the point between C132 and L46 the waveform appear ugly and distorted, only .5 Vpp.
Everything is correctly wired and components are good, as witness, the grid of V13 shows a magnificient 8 Vpp signal.
Can you help me?
73's de Claudio

5. Re: hammarlund sp-210 xformers

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 17:14:43 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hhlagv$21o$1@news.eternal-september.org>
Source record: 1525

```
Richard Knoppow wrote:
> "frank" <frank@ottone.venere.it> wrote in message
> news:4b351e62$0$710$5fc30a8@news.tiscali.it...
>> Hello Colin,
>>
>> COLIN LAMB <k7fm@teleport.com> wrote:
>>> Hello Frank:
>>>
>>> The push-pull output transformers should be fairly common
>>> and easy to
>>> obtain. Antique Electronic Supply, in USA, is a good
>>> source. As I recall,
>>> the output tubes are 6V6s, so that would use a common
>>> transformer as
>>> well as driver transformer.
>> actually the output tubes and the driver are all 6F6. Also
>> the output
>> audio impedance of the SP-200 series is 600 ohms, I
>> wouldn't mind too
>> much to have directly an output impedance for driving a
>> 4-8 ohm
>> speaker, but my first option would be restoring the set as
>> much as
>> possible close to the original. I'd be happy to find any
>> information
>> about the transformers, like power, turn ratios and so on.
>>
>> Best 73 es HNY
>>
>> Frank IZ8DWF
>
> The 6F6 tubes are connected as triodes and operated
> nearly at Class-B, the output transformer is 10,000 plate to
> plate. This is a common impedance. The original transformers
> have a 500 ohm main output and a loosly coupled 8,000 ohm
> winding for the headphones.
>
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickburk@ix.netcom.com
>
```

>
On old tube manual shows that the 6F6 in push pull triode connection with self bias (730 oh cathode resistor) delivered 14 watts with 350 volts on the plate and a load resistance of 10,000 ohms plate to plate. With fixed bias (-38 volts) it would deliver 18 watts into 6000 ohms plate to plate. For fixed bias the input transformer ratio primary to 1/2 secondary was 1.67. For self bias the ratio was 1.29. The driver tube would also be triode connected, 250 volts plate, -20 volts bias and a plate load of 10,000 ohms.

No figures given for operation at 250 volts for the output stage, but the output impedance would be about the same and resting plate current would be adjusted to about 45ma. Power output would probably be about 2/3 the value at 350 volts.

BTW, the types 42 and 6F6 are the same except for the base, types 42 and 2A5 are the same except for the heater voltage.
(some SP models might have used the other tubes)

The tube lineup in the SP210 was 6K7x2(rf), 6L7 mix, 6J7 vfo, 6K7 if#1, 6SK7 x2 IF 2-3, 6H6 detector, 6N7 nl, 6SJ7 bfo, 6SK7 avc, 6H6 avc rect, 6C5 af#1, 6F6 driver, 6F6 x2 output, 5Z3 rectifier, 80 rectifier

Must have had two different plate voltages, hence the two different rectifier tubes. The SP400 power supply used the second rectifier as a bias rectifier, maybe that's what was done here? I'm looking at the tube lineup from the book 'communications receivers' by R.S. Moore.

6. Re: restoring an SP-600

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 19:51:00 UTC
From: Ed Engelken <EdEngel@gvtc.com>
Message-ID: <a6b7df80-a8f9-4c53-bc66-6077b17974fa@k23g2000yqa.googlegroups.com>
Source record: 1526

On Jan 1, 6:32 am, "moreradio" <morera...@alice.it> wrote:
> Hello,
> as a winter project I'm restoring an SP-600, just finished the mechanical
> part I'm working on the electronics.
> I wonder if anybody in BAland has tested the BFO waveform and say if I'm
> right or not.
> Checking the point between C132 and L46 the waveform appear ugly and
> distorted, only .5 Vpp.
> Everything is correctly wired and components are good, as witness, the grid
> of V13 shows a magnificient 8 Vpp signal.
> Can you help me?
> 73's de Claudio

I noticed the same thing when I re-capped my SP-600 back in 1999. I made up a FET buffer to go between the grid of V13 and the grid of V12. The result was a much cleaner beat-note. --Ed

7. Re: restoring an SP-600

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 22:21:40 UTC
From: moreradio <moreradio@alice.it>
Message-ID: <4b3e757b$0$826$4fafbaef@reader5.news.tin.it>
Source record: 1527

Thank you very nuch Ed, probably I will adopt a similar solution.
Claudio

"Ed Engelken" <EdEngel@gvtc.com> ha scritto nel messaggio
news:a6b7df80-a8f9-4c53-bc66-6077b17974fa@k23g2000yqa.googlegroups.com...
On Jan 1, 6:32 am, "moreradio" <morera...@alice.it> wrote:
> Hello,
> as a winter project I'm restoring an SP-600, just finished the mechanical
> part I'm working on the electronics.
> I wonder if anybody in BAland has tested the BFO waveform and say if I'm
> right or not.
> Checking the point between C132 and L46 the waveform appear ugly and
> distorted, only .5 Vpp.
> Everything is correctly wired and components are good, as witness, the
> grid
> of V13 shows a magnificient 8 Vpp signal.
> Can you help me?
> 73's de Claudio

I noticed the same thing when I re-capped my SP-600 back in 1999. I
made up a FET buffer to go between the grid of V13 and the grid of
V12. The result was a much cleaner beat-note. --Ed

8. Re: hammarlund sp-210 xformers

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-01 23:41:44 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hhm16k$6pi$1@news.eternal-september.org>
Source record: 1528

frank wrote:
> Hi all,
>
> I just begun restoring the SP-210-LX (guessed model from the bands,
> there's no model name in the back plate). One of the previous owners had
> the "brilliant" idea to include the power supply transformers into the
> main chassis and removed the last AF (push-pull) amplifier stage tubes,
> T-7 and T-8 to make some room.
> Is there any hope to find these two transformers? Maybe someone has a
> part unit?
> Is there any data available about T-7 and T-8 so I can try to make
> replacements?
> Thanks in advance and season greetings!
>
> Frank IZ8DWF (<mycall> at amsat dot org)
Here is the manual for the SP2xx aka BC779
http://63.227.91.114/Common/Manuals/Desc_Manuals.php/

9. Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-02 21:29:53 UTC
From: Mr G4 <"Mr G4"@uk.radio.amateur>
Message-ID: <DVO%m.17671$vl7.719@newsfe29.ams2>
Source record: 1529

I know this is a very long shot, but I wondered if anyone has a
geiger-muller tube lurking anywhere?
Perhaps you may know of a supplier or have an old geiger counter that you
may wish to dispose of?

Mr G4

10. Re: restoring an SP-600

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-02 22:09:15 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <kNidnW_5tpWMWaLWnZ2dnUVZ_jWdnZ2d@earthlink.com>
Source record: 1530

"moreradio" <moreradio@alice.it> wrote in message
news:4b3deb51$0$1133$4fafbaef@reader3.news.tin.it...
> Hello,
> as a winter project I'm restoring an SP-600, just finished
> the mechanical part I'm working on the electronics.
> I wonder if anybody in BAland has tested the BFO waveform
> and say if I'm right or not.
> Checking the point between C132 and L46 the waveform
> appear ugly and distorted, only .5 Vpp.
> Everything is correctly wired and components are good, as
> witness, the grid of V13 shows a magnificient 8 Vpp
> signal.
> Can you help me?
> 73's de Claudio
I never thought to test this. I just looked at my
SP-600-JX-17. I looked at two places: the first is the point
you specify above except that I looked at pin-1 of V-12, the
BFO buffer tube. At that point the waveform shows a lot of
ripple, probably harmonics. I also looked at pin-5, the
output of the buffer. At that point the waveform is a fairly
clean sine wave. It shows some distortion but not much and I
doubt if its of significance. A warning about this
measurement: the plates of the BFO buffer and IF driver are
connected directly together so that the IF ouput to the
detector exists at this point. In order to see the BFO
waveform clearly you must put the AVC in Manual and turn the
RF gain all the way down. Otherwise you will see the IF
output and its noise at this point.
I checked this with a Tektronix 453 scope, which is good
to 50mhz so it will show a 455khz waveform and all
harmonics.
I used a standard probe with the X-10 switch on. This
increases the input impedance of the probe to a very high
value. If used in X-1 the waveform shows flat-topping due to
loading, this may be the source of your bad waveform because
this is a quite high impedance circuit. It may be that the
slight distortion I am seeing is due to the load impedance
being too low even with the probe in X-10. With the probe
in X-10 the voltage at this point is not quite 40V p-p.
Other models of the SP-600 have an adjustment for the
cathode bias of this stage in order to provide a level
control for BFO injection. Normally, its set from the
factory for zero bias but normal bias for maximum gain of a
6BA6 tube is about 1.0 volt and I set my JX-21 for this

value. Probably running the 6BA6 at zero bias shortens its life a bit and the extra injection level is not necessary. In the JX-17 the bias and level are fixed. I am not sure why the level was made adjustable. In some older receivers it was done to prevent the BFO from activating the AVC and causing desensitization.
I also re-checked the waveform at the cathode of V-12 and get the same harmonic rich signal I do at the grid. Evidently, the plate choke coupling of this stage is selective because the plate waveform is very much better. Since there is already a buffer for the BFO I don't think adding an additional one is of much utility. These are pretty well engineered receivers and, I suspect, most modifications do not improve them.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

11. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-02 23:30:57 UTC
From: Barry <n4buq@knology.net>
Message-ID: <bb482$4b3fd735$4c49dc18$3286@KNOLOGY.NET>
Source record: 1531

> I know this is a very long shot, but I wondered if anyone has a
> geiger-muller tube lurking anywhere?
> Perhaps you may know of a supplier or have an old geiger counter that you
> may wish to dispose of?
>
> Mr G4

Not sure if you've seen these but...

http://www.goldmine-elec-products.com/prodinfo.asp?number=G17365

Barry - N4BUQ

12. old tektronix manuals for sale 282 to 527

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-03 01:10:46 UTC
From: walt <wbelsito@juno.com>
Message-ID: <906f5a75-25ab-443f-9427-3c3b3920aef7@g18g2000vbr.googlegroups.com>
Source record: 1532

282 , 310 / 310-a , 317 , 321 , -A , 323 , 360 , 453-A

and 455 , 465 , 465-M & 475 .

511-A schematic free

for these manuals i am asking $ 5 per manual .

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

1---512 scope

2---516 scope

3---520 vector scope

4---524 scope

5---524-D scope

6---527 wave form monitor

these manuals are $ 10 each

thanks WALT

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

1---529---wave form monitor

2---531---crt

3---435---see--545

4---535---scope

5 535-A---scope

6---541-A---scope

7---545--cal. & maint. manual

8---535 / 545

9---545-A

10---545-B

11---551

12---561-A

13---RM-561-A

14---R-561-B

all these manuals are $ 10 plus postage .

first come first serve . thanks WALT

13. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-03 13:26:04 UTC
From: Brian Reay <see@website.com>
Message-ID: <AV00n.15161$IA2.11010@newsfe03.ams2>
Source record: 1533

"Barry" <n4buq@knology.net> wrote in message
news:bb482$4b3fd735$4c49dc18$3286@KNOLOGY.NET...
>> I know this is a very long shot, but I wondered if anyone has a
>> geiger-muller tube lurking anywhere?
>> Perhaps you may know of a supplier or have an old geiger counter that you
>> may wish to dispose of?
>>
>> Mr G4
>
>
> Not sure if you've seen these but...
>
> http://www.goldmine-elec-products.com/prodinfo.asp?number=G17365
>

That one only responds to Gamma radiation, not Alpha and Beta particles. A GM tube to detect all three has a different construction- in particular a thin window which will pass Alpha and Beta particles which normally are stopped quite easily.

If the Geiger counter is for private/demo use then sources will be an issue. Alpha and Beta sources are quite common- smoke detectors use an Alpha source (can't recall the name) and "Tritium" lights (as found in some signs, compasses, watches etc.) are Beta sources.

I don't recall any readily available sources of Gamma radiation- although it is used extensively in medicine.

--
73
Brian G8OSN/W8OSN
www.g8osn.net

14. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-03 18:13:56 UTC
From: Mr G4 <"Mr G4"@uk.radio.amateur>
Message-ID: <X750n.33861$xa7.30451@newsfe14.ams2>
Source record: 1534

"Barry" <n4buq@knology.net> wrote in message
news:bb482$4b3fd735$4c49dc18$3286@KNOLOGY.NET...
>> I know this is a very long shot, but I wondered if anyone has a
>> geiger-muller tube lurking anywhere?
>> Perhaps you may know of a supplier or have an old geiger counter that you
>> may wish to dispose of?
>>
>> Mr G4
>
>
> Not sure if you've seen these but...
>
> http://www.goldmine-elec-products.com/prodinfo.asp?number=G17365

Doesn't seem to look like any GM tube that I have seen before!

15. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-03 19:04:17 UTC
From: Barry <n4buq@knology.net>
Message-ID: <820be$4b40ea34$4c49dc18$21845@KNOLOGY.NET>
Source record: 1535

"Mr G4" <Mr G4 @uk.radio.amateur> wrote in message
news:X750n.33861$xa7.30451@newsfe14.ams2...
>>> I know this is a very long shot, but I wondered if anyone has a
>>> geiger-muller tube lurking anywhere?
>>> Perhaps you may know of a supplier or have an old geiger counter that
>>> you may wish to dispose of?
>>>
>>> Mr G4
>>
>>
>> Not sure if you've seen these but...
>>
>> http://www.goldmine-elec-products.com/prodinfo.asp?number=G17365
>
> Doesn't seem to look like any GM tube that I have seen before!

Okay. I don't know anything about them but had recalled seeing the ad for this one so I thought I'd pass it on. According to a previous post, it apparently isn't what you might want either.

Good luck with your search.

Barry - N4BUQ

16. Need manual for TS-1100 test set, transistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 02:39:09 UTC
From: W0PBV <mcalhoun@ksu.edu>
Message-ID: <8d48afb2-ef70-4d59-98b4-c3198827c422@a32g2000yqm.googlegroups.com>
Source record: 1536

I need a manual or at least some information for a "TS-1100/U Test
Set, Transistor". I've found two by "Googling": one company wanted
$6.00 but its website is down, the other wants $23.00 but I hate to
pay that much when all I want to do is "play" with the test set. In
particular, I'd like to know what battery voltages are required,
where they go (apparently it can use two different sets of batteries),
and perhaps the circuit of a "battery eliminator" for it.
--W0PBV@ARRL.net

17. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 14:21:22 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hhsth3bdt1@news.eternal-september.org>
Source record: 1537

Mr G4 wrote:
> I know this is a very long shot, but I wondered if anyone has a
> geiger-muller tube lurking anywhere?
> Perhaps you may know of a supplier or have an old geiger counter that you
> may wish to dispose of?
>
> Mr G4
>
>
Once upon a time I recall the type CK1026 GM tube. This was about the
size of a 50C5 tube, but with a single pin and an aquadag coating on the
outside of the tube. This tube was used in a geiger counter project
that was in one of Alfred Morgan's 'boys books of radio and
electronics', either the 2nd or 3rd book. There were other types of GM
tubes made, but the CK1026 was one of the least expensive and was used
in many simple radiation detectors.

18. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 14:24:20 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hhstmkbdt2@news.eternal-september.org>
Source record: 1538

Mr G4 wrote:
> I know this is a very long shot, but I wondered if anyone has a
> geiger-muller tube lurking anywhere?
> Perhaps you may know of a supplier or have an old geiger counter that you
> may wish to dispose of?
>
> Mr G4
>
>
I found one for you!

http://www.surplussales.com/Tubes-Sock-Acc/geiger.html

19. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 14:49:04 UTC
From: "Geoffrey S. Mendelson" <gsm@cable.mendelson.com>
Message-ID: <slrnhk3vmg.dpo.gsm@cable.mendelson.com>
Source record: 1539

Kenneth Scharf wrote:

> Once upon a time I recall the type CK1026 GM tube. This was about the
> size of a 50C5 tube, but with a single pin and an aquadag coating on the
> outside of the tube. This tube was used in a geiger counter project
> that was in one of Alfred Morgan's 'boys books of radio and
> electronics', either the 2nd or 3rd book. There were other types of GM
> tubes made, but the CK1026 was one of the least expensive and was used
> in many simple radiation detectors.

The ones used in the 1960's radiation detectors and then sold in a pack
of 3 for $1 at Radio Shack in the late 1960's looked like long neon bulbs
with an extra wire comming out of them. I think they were around two inches
long, but it's been a long time since I've seen them.

Considering that they were designed to detect levels of radiation that would
only exist if you were close to ground zero and poking your head out of
a shelter in the rubble of an east coast (US) city, for all I know they
really were neon bulbs. :-)

Geoff.

--
Geoffrey S. Mendelson, Jerusalem, Israel gsm@mendelson.com N3OWJ/4X1GM
New word I coined 12/13/09, "Sub-Wikipedia" adj, describing knowledge or
understanding, as in he has a sub-wikipedia understanding of the situation.
i.e possessing less facts or information than can be found in the Wikipedia.

20. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 15:20:50 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hht10k$2b3$1@news.eternal-september.org>
Source record: 1540

Geoffrey S. Mendelson wrote:
> Kenneth Scharf wrote:
>
>> Once upon a time I recall the type CK1026 GM tube. This was about the
>> size of a 50C5 tube, but with a single pin and an aquadag coating on the
>> outside of the tube. This tube was used in a geiger counter project
>> that was in one of Alfred Morgan's 'boys books of radio and
>> electronics', either the 2nd or 3rd book. There were other types of GM
>> tubes made, but the CK1026 was one of the least expensive and was used
>> in many simple radiation detectors.
>
> The ones used in the 1960's radiation detectors and then sold in a pack
> of 3 for $1 at Radio Shack in the late 1960's looked like long neon bulbs
> with an extra wire comming out of them. I think they were around two inches
> long, but it's been a long time since I've seen them.
>
> Considering that they were designed to detect levels of radiation that would
> only exist if you were close to ground zero and poking your head out of
> a shelter in the rubble of an east coast (US) city, for all I know they
> really were neon bulbs. :-)
>
> Geoff.
>
You probably could use a Neon bulb as a radiation detector. You'd have
to keep the tube in the dark (inside a black plastic box) and carefully
adjust the voltage across the tube so it was just below the firing
voltage (need a well regulated power supply). Then an alpha or beta
particle might be enough to trigger the tube into conduction. The
sensitivity would be determined how close to the firing voltage the bias
supply was set.

21. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 15:43:17 UTC
From: kludge@panix.com
Message-ID: <hht2al$9ma$1@panix2.panix.com>
Source record: 1541

Barry <n4buq@knology.net> wrote:
>> I know this is a very long shot, but I wondered if anyone has a
>> geiger-muller tube lurking anywhere?
>> Perhaps you may know of a supplier or have an old geiger counter that you
>> may wish to dispose of?
>
>
>Not sure if you've seen these but...
>
>http://www.goldmine-elec-products.com/prodinfo.asp?number=G17365

The thing about these is that the glass is designed to block lower energy radiation. Still, if you want to detect background gamma radiation, it's not bad. It's probably okay for beta radiation too although you don't know until you test it.

The market is glutted with Victoreen survey meters. Millions of them were made for the civil defense folks in the fifties and sixties, and they are all on the surplus market. They also don't respond well to lower energy particles, and the scale calibration is useless because the integrator stage is intended for use in very high radiation environments, but they are very cheap.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

22. Re: Heathkit What is it ?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 21:13:41 UTC
From: PH5E <callsign.ph5e-nospam@gmail.com>
Message-ID: <4b425a07$0$28700$703f8584@news.kpn.nl>
Source record: 1542

Darrell wrote:
> It's the front end to an RX-1 Mohawk receiver. They were supplied with the
> kit pre-assembled.
>
> Darrell, WA5VGO
>
>
>> What is this heathkit item?
>>
>> [IMG]http://i820.photobucket.com/albums/zz123/sparky12x/DSCF0014.jpg[/
>> IMG]
>>
>> [IMG]http://i820.photobucket.com/albums/zz123/sparky12x/DSCF0013.jpg[/
>> IMG]
>

Nice images. I guess the box is still original Heath fabrication, as it
was shipped 40-50 years ago? I have uploaded some new Heathkit images
last week, in no small part thanks to N4TRB! Both RX-1 and TX-1
side-by-side can be found here:

http://rigreference.com/rigs/compare/2935,2948

--
RigReference.com - Reference guide for ham radio equipment
http://rigreference.com/

23. Re: National NCX-1000 HF Transceiver Rare!!!!!!!!

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 21:17:10 UTC
From: PH5E <callsign.ph5e-nospam@gmail.com>
Message-ID: <4b425ad8$0$28700$703f8584@news.kpn.nl>
Source record: 1543

ritchi50@optonline.net wrote:
> National NCX-1000 HF Transceiver Rare!!!!!!!!
> I got this from a friend who is getting up in years and he was selling
> his collection.
> I tried it on 75 meters and when tuning it up got about 350 watts and
> then when I was on ssb and tuned it as I was talking, I got 625 watts
> out.
> Looks great and works great. I followed manual and the meter may not
> be correct on radio for mils, but reads signal correct. Anyway, It
> sure puts out watts and I talked off it for two days and great
> reports.
> No microphone. Radio and manual. Even the chrome on the front around
> dial is shiny. Came from a non smoker. Looks Excellent!!!
> 1400.00 Plus Shipping
> ritchi50@optonline.net

Here are the specs and some images, just so you don't have to Google :)
http://rigreference.com/rigs/view/3654

--
RigReference.com - Reference guide for ham radio equipment
http://rigreference.com/

24. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-04 21:25:55 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001041621350.19779@darkstar.example.net>
Source record: 1544

On Mon, 4 Jan 2010, Scott Dorsey wrote:

> Barry <n4buq@knology.net> wrote:
>>> I know this is a very long shot, but I wondered if anyone has a
>>> geiger-muller tube lurking anywhere?
>>> Perhaps you may know of a supplier or have an old geiger counter that you
>>> may wish to dispose of?
>>
>>
>> Not sure if you've seen these but...
>>
>> http://www.goldmine-elec-products.com/prodinfo.asp?number=G17365
>
> The thing about these is that the glass is designed to block lower energy
> radiation. Still, if you want to detect background gamma radiation, it's
> not bad. It's probably okay for beta radiation too although you don't know
> until you test it.
>
> The market is glutted with Victoreen survey meters. Millions of them were
> made for the civil defense folks in the fifties and sixties, and they are
> all on the surplus market. They also don't respond well to lower energy
> particles, and the scale calibration is useless because the integrator stage
> is intended for use in very high radiation environments, but they are very
> cheap.

But there was also a need for geiger counters so you could go out and
prospect for uranium. I hadn't given it a lot of thought, until a few
years ago when I found a "magazine" about how to prospect for uranium.
I guess it was published by Fawcett, from the fifties, when it was common
to issue single issue magazines that would be books if they were published
more formally. I have no idea how common the "hobby" was, or how many
geiger counters it sold, but it did seem a big concept for a while.
Robert Heinlein even has some bad guys in one of his juvenile novels
prospecting for uranium on the moon.

There have been solid-state replacements for geiger tubes in recent
decades, but at the moment I can't think of what. Some projects used
existing components that reacted to radiation, but I seem to recall there
were solid-state devices that came along.

Michael VE2BVW

25. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 05:39:57 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <Gu6dnQSwyawtTd_WnZ2dnUVZ_qidnZ2d@giganews.com>
Source record: 1545

"Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
news:hht10k$2b3$1@news.eternal-september.org...
> Geoffrey S. Mendelson wrote:
>> Kenneth Scharf wrote:
>>
>>> Once upon a time I recall the type CK1026 GM tube. This was about the
>>> size of a 50C5 tube, but with a single pin and an aquadag coating on the
>>> outside of the tube. This tube was used in a geiger counter project
>>> that was in one of Alfred Morgan's 'boys books of radio and
>>> electronics', either the 2nd or 3rd book. There were other types of GM
>>> tubes made, but the CK1026 was one of the least expensive and was used
>>> in many simple radiation detectors.
>>
>> The ones used in the 1960's radiation detectors and then sold in a pack
>> of 3 for $1 at Radio Shack in the late 1960's looked like long neon bulbs
>> with an extra wire comming out of them. I think they were around two
>> inches
>> long, but it's been a long time since I've seen them.
>>
>> Considering that they were designed to detect levels of radiation that
>> would
>> only exist if you were close to ground zero and poking your head out of
>> a shelter in the rubble of an east coast (US) city, for all I know they
>> really were neon bulbs. :-)
>>
>> Geoff.
>>
> You probably could use a Neon bulb as a radiation detector. You'd have to
> keep the tube in the dark (inside a black plastic box) and carefully
> adjust the voltage across the tube so it was just below the firing voltage
> (need a well regulated power supply). Then an alpha or beta particle
> might be enough to trigger the tube into conduction. The sensitivity
> would be determined how close to the firing voltage the bias supply was
> set.

I recall being unconvinced when a customer complained that the neon
lamp in his old, rotary disk type depth finder would not work at night
unless he shined a flashlight on it. He was absolutely correct, and
as time went on, we found that as all neon flash lamps (mostly NE2's
and NE51's I think) grew old and weak, they required a little extra
external excitation (flashlight worked ok) to light.

Old Chief Lynn, W7LTQ

26. Re: hammarlund sp-210 xformers

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 15:40:58 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <B9ydnWgaf5MMwN7WnZ2dnUVZ_hGdnZ2d@earthlink.com>
Source record: 1546

"Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
news:hhlagv$21o$1@news.eternal-september.org...
> Richard Knoppow wrote:
>> "frank" <frank@ottone.venere.it> wrote in message
>> news:4b351e62$0$710$5fc30a8@news.tiscali.it...
>>> Hello Colin,
>>>
>>> COLIN LAMB <k7fm@teleport.com> wrote:
>>>> Hello Frank:
>>>>
>>>> The push-pull output transformers should be fairly
>>>> common and easy to
>>>> obtain. Antique Electronic Supply, in USA, is a good
>>>> source. As I recall,
>>>> the output tubes are 6V6s, so that would use a common
>>>> transformer as
>>>> well as driver transformer.
>>> actually the output tubes and the driver are all 6F6.
>>> Also the output
>>> audio impedance of the SP-200 series is 600 ohms, I
>>> wouldn't mind too
>>> much to have directly an output impedance for driving a
>>> 4-8 ohm
>>> speaker, but my first option would be restoring the set
>>> as much as
>>> possible close to the original. I'd be happy to find any
>>> information
>>> about the transformers, like power, turn ratios and so
>>> on.
>>>
>>> Best 73 es HNY
>>>
>>> Frank IZ8DWF
>>
>> The 6F6 tubes are connected as triodes and operated
>> nearly at Class-B, the output transformer is 10,000 plate
>> to plate. This is a common impedance. The original
>> transformers have a 500 ohm main output and a loosly
>> coupled 8,000 ohm winding for the headphones.
>>
>>
>> --
>> Richard Knoppow
>> Los Angeles

>> WB6KBL
>> dickburk@ix.netcom.com
> On old tube manual shows that the 6F6 in push pull triode
> connection with self bias (730 oh cathode resistor)
> delivered 14 watts with 350 volts on the plate and a load
> resistance of 10,000 ohms plate to plate. With fixed bias
> (-38 volts) it would deliver 18 watts into 6000 ohms plate
> to plate. For fixed bias the input transformer ratio
> primary to 1/2 secondary was 1.67. For self bias the
> ratio was 1.29. The driver tube would also be triode
> connected, 250 volts plate, -20 volts bias and a plate
> load of 10,000 ohms.
>
> No figures given for operation at 250 volts for the output
> stage, but the output impedance would be about the same
> and resting plate current would be adjusted to about 45ma.
> Power output would probably be about 2/3 the value at 350
> volts.
>
> BTW, the types 42 and 6F6 are the same except for the
> base, types 42 and 2A5 are the same except for the heater
> voltage.
> (some SP models might have used the other tubes)
>
> The tube lineup in the SP210 was 6K7x2(rf), 6L7 mix, 6J7
> vfo, 6K7 if#1, 6SK7 x2 IF 2-3, 6H6 detector, 6N7 nl, 6SJ7
> bfo, 6SK7 avc, 6H6 avc rect, 6C5 af#1, 6F6 driver, 6F6 x2
> output, 5Z3 rectifier, 80 rectifier
>
> Must have had two different plate voltages, hence the two
> different rectifier tubes. The SP400 power supply used
> the second rectifier as a bias rectifier, maybe that's
> what was done here? I'm looking at the tube lineup from
> the book 'communications receivers' by R.S. Moore.

The 80 tube (5Y3 in later versions of the supply) is
a -50 volt bias supply for the AVC and other circuits. The
SP-600-JX has a similar arrangement but using a 6AL5 as the
bias rectifier.
Earlier versions of the Super-Pro did use glass tubes.
I think there are a couple of early instruction manuals on
line showing this version. The early 1940's version used all
metal tubes except for the rectifiers and post war sets
including the SP-400 used a 5U4 in place of the 5Z3 and 5Y4
in place of the 80. These two are identical except for the
base and envelopes.

--
Richard Knoppow
Los Angeles
WB6KBL

dickburk@ix.netcom.com

27. Re: hammarlund sp-210 xformers

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 15:52:06 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <K8adndcMZImz_d7WnZ2dnUVZ_q-dnZ2d@earthlink.com>
Source record: 1547

"Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
news:hhm16k$6pi$1@news.eternal-september.org...
> frank wrote:
>> Hi all,
>>
>> I just begun restoring the SP-210-LX (guessed model from
>> the bands, there's no model name in the back plate). One
>> of the previous owners had the "brilliant" idea to
>> include the power supply transformers into the main
>> chassis and removed the last AF (push-pull) amplifier
>> stage tubes, T-7 and T-8 to make some room. Is there any
>> hope to find these two transformers? Maybe someone has a
>> part unit?
>> Is there any data available about T-7 and T-8 so I can
>> try to make replacements?
>> Thanks in advance and season greetings!
>>
>> Frank IZ8DWF (<mycall> at amsat dot org)
> Here is the manual for the SP2xx aka BC779
> http://63.227.91.114/Common/Manuals/Desc_Manuals.php/

Note that there were three versions of the SP-200/210
with different frequency ranges. The standard version
covered from 535 Khz to 20mhz, the second version covered
from 1250 khz to 40 mhz and a third version, which carries
the military designation BC-779 covered from 2500 Khz to 20
mhz plus 100 khz to 400 khz in two bands. These were
intended mainly for aeronautical work where the low bands
were used for navigation aids and for control tower
communication.
The circuit of the standard version and low frequency
version is quite similar but the high frequency version uses
shunt fed RF amplifiers rather than series fed in order to
get higher Q and better image rejection. On the broadcast
band of receivers having it there is a resistor across the
RF tanks to _lower_ the Q and increase the bandwidth in
order to obtain high-fidelity reception.
The headphone connection to the transformer in the
later series receivers is loosely coupled so that plugging
in headphones will not affect the level of the regular 500
ohm output. This is in order to allow local monitoring of a
receiver connected to a phone line or recorder other use
without disturbing the level.
Some Super-Pros were evidently modified to allow

crystal control of the receiving frequency. I have seen pictures of these but have never seen a circuit for it. These receivers would have been used in fixed frequency operation. They had two knobs over the main tuning dial, presumably one for choice of crystal and the other for fine adjustment.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

28. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 17:28:52 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001051226380.21473@darkstar.example.net>
Source record: 1548

On Mon, 4 Jan 2010, coffelt2 wrote:

>
> "Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
> news:hht10k$2b3$1@news.eternal-september.org...
>> Geoffrey S. Mendelson wrote:
>>> Kenneth Scharf wrote:
>>>
>>>> Once upon a time I recall the type CK1026 GM tube. This was about the
>>>> size of a 50C5 tube, but with a single pin and an aquadag coating on the
>>>> outside of the tube. This tube was used in a geiger counter project that
>>>> was in one of Alfred Morgan's 'boys books of radio and electronics',
>>>> either the 2nd or 3rd book. There were other types of GM tubes made, but
>>>> the CK1026 was one of the least expensive and was used in many simple
>>>> radiation detectors.
>>>
>>> The ones used in the 1960's radiation detectors and then sold in a pack
>>> of 3 for $1 at Radio Shack in the late 1960's looked like long neon bulbs
>>> with an extra wire comming out of them. I think they were around two
>>> inches
>>> long, but it's been a long time since I've seen them.
>>>
>>> Considering that they were designed to detect levels of radiation that
>>> would
>>> only exist if you were close to ground zero and poking your head out of
>>> a shelter in the rubble of an east coast (US) city, for all I know they
>>> really were neon bulbs. :-)
>>>
>>> Geoff.
>>>
>> You probably could use a Neon bulb as a radiation detector. You'd have to
>> keep the tube in the dark (inside a black plastic box) and carefully adjust
>> the voltage across the tube so it was just below the firing voltage (need a
>> well regulated power supply). Then an alpha or beta particle might be
>> enough to trigger the tube into conduction. The sensitivity would be
>> determined how close to the firing voltage the bias supply was set.
>
> I recall being unconvinced when a customer complained that the neon
> lamp in his old, rotary disk type depth finder would not work at night
> unless he shined a flashlight on it. He was absolutely correct, and
> as time went on, we found that as all neon flash lamps (mostly NE2's
> and NE51's I think) grew old and weak, they required a little extra
> external excitation (flashlight worked ok) to light.
>

It's not so much that they needed light, but they could no longer light up with the old value resistor. Changing the resistor would have worked, as did the external excitation with a light.

That was the previous point, you put enough current into the neon bulb so it's not quite lighting up, and then external radiation would excite it. It's about setting a threshold right below where the bulb lights up, and then any external excitation ignites it.

Michael VE2BVW

29. Speaker for the Mosley CM-1 receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 19:48:57 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b4397ad$0$1133$4fafbaef@reader3.news.tin.it>
Source record: 1549

Is anyone willing to sell me a CMS-1 speaker for the Mosley CM-1 receiver?

With the low $, I can pay a (reasonably) good price.

73

Tony I0JX
Rome, Italy

30. HRO E & F Broadcast band coils

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 20:40:50 UTC
From: Nomad <cpa599@gmail.com>
Message-ID: <31c9dedf-e4c5-4d63-859f-3218fc244d99@f5g2000yqh.googlegroups.com>
Source record: 1550

http://cgi.ebay.com/HRO-E-Broadcast-160-Coil-covers-0900-2050khz_W0QQitemZ110477764422QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item19b8fce746

http://cgi.ebay.com/HRO-F-Broadcast-Band-Coil-covers-480-to-960-Khz_W0QQitemZ110477767917QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item19b8fcf4ed

31. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 21:10:21 UTC
From: Peter Dettmann <peter@aardvark.net.au>
Message-ID: <ega7k5dk4oku75g5h84ha2rml4qdaueudc@4ax.com>
Source record: 1551

On Tue, 5 Jan 2010 12:28:52 -0500, Michael Black <et472@ncf.ca> wrote:

>On Mon, 4 Jan 2010, coffelt2 wrote:
>
>>
>> "Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
>> news:hht10k$2b3$1@news.eternal-september.org...
>>> Geoffrey S. Mendelson wrote:
>>>> Kenneth Scharf wrote:
>>>>
>>>>> Once upon a time I recall the type CK1026 GM tube. This was about the
>>>>> size of a 50C5 tube, but with a single pin and an aquadag coating on the
>>>>> outside of the tube. This tube was used in a geiger counter project that
>>>>> was in one of Alfred Morgan's 'boys books of radio and electronics',
>>>>> either the 2nd or 3rd book. There were other types of GM tubes made, but
>>>>> the CK1026 was one of the least expensive and was used in many simple
>>>>> radiation detectors.
>>>>
>>>> The ones used in the 1960's radiation detectors and then sold in a pack
>>>> of 3 for $1 at Radio Shack in the late 1960's looked like long neon bulbs
>>>> with an extra wire comming out of them. I think they were around two
>>>> inches
>>>> long, but it's been a long time since I've seen them.
>>>>
>>>> Considering that they were designed to detect levels of radiation that
>>>> would
>>>> only exist if you were close to ground zero and poking your head out of
>>>> a shelter in the rubble of an east coast (US) city, for all I know they
>>>> really were neon bulbs. :-)
>>>>
>>>> Geoff.
>>>>
>>> You probably could use a Neon bulb as a radiation detector. You'd have to
>>> keep the tube in the dark (inside a black plastic box) and carefully adjust
>>> the voltage across the tube so it was just below the firing voltage (need a
>>> well regulated power supply). Then an alpha or beta particle might be
>>> enough to trigger the tube into conduction. The sensitivity would be
>>> determined how close to the firing voltage the bias supply was set.
>>
>> I recall being unconvinced when a customer complained that the neon
>> lamp in his old, rotary disk type depth finder would not work at night
>> unless he shined a flashlight on it. He was absolutely correct, and
>> as time went on, we found that as all neon flash lamps (mostly NE2's
>> and NE51's I think) grew old and weak, they required a little extra

>> external excitation (flashlight worked ok) to light.
>>
>It's not so much that they needed light, but they could no longer light
>up with the old value resistor. Changing the resistor would have worked,
>as did the external excitation with a light.
>
>That was the previous point, you put enough current into the neon bulb
>so it's not quite lighting up, and then external radiation would excite
>it. It's about setting a threshold right below where the bulb lights
>up, and then any external excitation ignites it.
>
> Michael VE2BVW

Probably more a question of voltage supply rather than resistor value,
as unless the neon fires, the drop across the resistor is zero, and so
the resistance value is not controlling the starting.

Peter

32. Re: Heathkit What is it ?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 23:16:49 UTC
From: sparky <sparky12x@yahoo.com>
Message-ID: <8b902781-9896-420f-a35b-1c093c8c161b@m3g2000yqf.googlegroups.com>
Source record: 1552

On Jan 4, 4:13 pm, PH5E <callsign.ph5e-nos...@gmail.com> wrote:
> Darrell wrote:
> > It's the front end to an RX-1 Mohawk receiver. They were supplied with the
> > kit pre-assembled.
>
> > Darrell, WA5VGO
>
> >> What is this heathkit item?
>
> >> [IMG]http://i820.photobucket.com/albums/zz123/sparky12x/DSCF0014.jpg[/
> >> IMG]
>
> >> [IMG]http://i820.photobucket.com/albums/zz123/sparky12x/DSCF0013.jpg[/
> >> IMG]
>
> Nice images. I guess the box is still original Heath fabrication, as it
> was shipped 40-50 years ago? I have uploaded some new Heathkit images
> last week, in no small part thanks to N4TRB! Both RX-1 and TX-1
> side-by-side can be found here:
>
> http://rigreference.com/rigs/compare/2935,2948
>
> --
> RigReference.com - Reference guide for ham radio equipmenthttp://rigreference.com/

It still has the original heathkit box.
It is going to a new home, courtesy of this newsgroup.

33. F.S Collins Mechanical Filter NOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-05 23:20:18 UTC
From: sparky <sparky12x@yahoo.com>
Message-ID: <62205b89-132d-45fc-98df-31e586531e64@22g2000yqr.googlegroups.com>
Source record: 1553

For Sale: Collins Mechanical filter type F 250 A-20 ser 12 N
2 . P/N 526 9012 005
$25.00 plus shipping

34. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-06 05:55:35 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <LMedndQsj8tHuNnWnZ2dnUVZ_gmdnZ2d@giganews.com>
Source record: 1554

```
"Peter Dettmann" <peter@aardvark.net.au> wrote in message
news:ega7k5dk4oku75g5h84ha2rml4qdaueudc@4ax.com...
> On Tue, 5 Jan 2010 12:28:52 -0500, Michael Black <et472@ncf.ca> wrote:
>
>>On Mon, 4 Jan 2010, coffelt2 wrote:
>>
>>>
>>> "Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
>>> news:hht10k$2b3$1@news.eternal-september.org...
>>>> Geoffrey S. Mendelson wrote:
>>>>> Kenneth Scharf wrote:
>>>>>
>>>>>> Once upon a time I recall the type CK1026 GM tube. This was about
>>>>>> the
>>>>>> size of a 50C5 tube, but with a single pin and an aquadag coating on
>>>>>> the
>>>>>> outside of the tube. This tube was used in a geiger counter project
>>>>>> that
>>>>>> was in one of Alfred Morgan's 'boys books of radio and electronics',
>>>>>> either the 2nd or 3rd book. There were other types of GM tubes made,
>>>>>> but
>>>>>> the CK1026 was one of the least expensive and was used in many simple
>>>>>> radiation detectors.
>>>>>
>>>>> The ones used in the 1960's radiation detectors and then sold in a
>>>>> pack
>>>>> of 3 for $1 at Radio Shack in the late 1960's looked like long neon
>>>>> bulbs
>>>>> with an extra wire comming out of them. I think they were around two
>>>>> inches
>>>>> long, but it's been a long time since I've seen them.
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>>>>> Considering that they were designed to detect levels of radiation that
>>>>> would
>>>>> only exist if you were close to ground zero and poking your head out
>>>>> of
>>>>> a shelter in the rubble of an east coast (US) city, for all I know
>>>>> they
>>>>> really were neon bulbs. :-)
>>>>>
>>>>> Geoff.
>>>>>
>>>> You probably could use a Neon bulb as a radiation detector. You'd have
>>>> to
```

>>>> keep the tube in the dark (inside a black plastic box) and carefully
>>>> adjust
>>>> the voltage across the tube so it was just below the firing voltage
>>>> (need a
>>>> well regulated power supply). Then an alpha or beta particle might be
>>>> enough to trigger the tube into conduction. The sensitivity would be
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>>> I recall being unconvinced when a customer complained that the neon
>>> lamp in his old, rotary disk type depth finder would not work at night
>>> unless he shined a flashlight on it. He was absolutely correct, and
>>> as time went on, we found that as all neon flash lamps (mostly NE2's
>>> and NE51's I think) grew old and weak, they required a little extra
>>> external excitation (flashlight worked ok) to light.
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>>It's not so much that they needed light, but they could no longer light
>>up with the old value resistor. Changing the resistor would have worked,
>>as did the external excitation with a light.
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>>That was the previous point, you put enough current into the neon bulb
>>so it's not quite lighting up, and then external radiation would excite
>>it. It's about setting a threshold right below where the bulb lights
>>up, and then any external excitation ignites it.
>>
>> Michael VE2BVW
>
> Probably more a question of voltage supply rather than resistor value,
> as unless the neon fires, the drop across the resistor is zero, and so
> the resistance value is not controlling the starting.
>
> Peter

And thus the irritating (and sometimes useful) Neon tube oscillator!

Old Chief Lynn

35. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-06 19:48:51 UTC
From: Brian Reay <see@website.com>
Message-ID: <yO51n.5163$KK6.4727@newsfe19.ams2>
Source record: 1555

"Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
news:hht10k$2b3$1@news.eternal-september.org...
> You probably could use a Neon bulb as a radiation detector. You'd have
> to keep the tube in the dark (inside a black plastic box) and carefully
> adjust the voltage across the tube so it was just below the firing voltage
> (need a well regulated power supply). Then an alpha or beta particle
> might be enough to trigger the tube into conduction. The sensitivity
> would be determined how close to the firing voltage the bias supply was
> set.

GM tubes don't work quite like that. They have a halogen gas in there as
well to "quench" the conduction caused by the radiation.

--
73
Brian G8OSN/W8OSN
www.g8osn.net

36. Re: Geiger Tube Anyone?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-07 15:53:35 UTC
From: kludge@panix.com
Message-ID: <hi501v$fo9$1@panix2.panix.com>
Source record: 1556

Sparkfun.com sells a 712 end-window geiger tube from LND, Inc. It's sensitive to alpha and beta particles as well as gamma radiation, and it's something like $70. They have a complete geiger counter kit which includes a DC-DC converter to get the 500V for $140.

They currently have a promotion going on which is causing their site to be hammered, but it should be back to normal in a day or two.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

37. WTB 1950's Navy Radio Gear

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-07 16:21:40 UTC
From: Nick K4NYW <navy.radio@gmail.com>
Message-ID: <9698337d-2ed2-4213-81ed-1619d42915fd@22g2000yqr.googlegroups.com>
Source record: 1557

I'm restoring a 420 tube AN/FRR-24 triple diversity HF receiver - all
3121 lbs of it.
I need a few more rack-mount modules -
CV-127/FRR-24 FSK converter with scope
PP-648/FRR-24 & PP-649/FRR-24 power supplies
(any FRR-24 or FRR-37 power supplies will be very helpful)

Also looking for rack-mount modules for AN/FGC-5 and AN/FCC-3
telegraph (TTY) multiplex systems.

Photos at:
http://www.navy-radio.com/want-1.htm
http://www.navy-radio.com/want-2.htm
cheers,
Nick K4NYW
www.navy-radio.com

38. Re: WTB 1950's Navy Radio Gear

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-07 18:28:32 UTC
From: MoiInAust <user@user.com>
Message-ID: <4b4627d7$1@dnews.tpgi.com.au>
Source record: 1558

Good grief! I thought my AR88 was heavy...

"Nick K4NYW" <navy.radio@gmail.com> wrote in message
news:9698337d-2ed2-4213-81ed-1619d42915fd@22g2000yqr.googlegroups.com...
> I'm restoring a 420 tube AN/FRR-24 triple diversity HF receiver - all
> 3121 lbs of it.
> I need a few more rack-mount modules -
> CV-127/FRR-24 FSK converter with scope
> PP-648/FRR-24 & PP-649/FRR-24 power supplies
> (any FRR-24 or FRR-37 power supplies will be very helpful)
>
> Also looking for rack-mount modules for AN/FGC-5 and AN/FCC-3
> telegraph (TTY) multiplex systems.
>
> Photos at:
> http://www.navy-radio.com/want-1.htm
> http://www.navy-radio.com/want-2.htm
> cheers,
> Nick K4NYW
> www.navy-radio.com

39. Re: WTB 1950's Navy Radio Gear

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-07 19:14:50 UTC
From: sparky <sparky12x@yahoo.com>
Message-ID: <1731298d-b910-4102-8393-441be3002f1e@p8g2000yqb.googlegroups.com>
Source record: 1559

On Jan 7, 1:28 pm, "MoiInAust" <u...@user.com> wrote:
> Good grief! I thought my AR88 was heavy...
>
> "Nick K4NYW" <navy.ra...@gmail.com> wrote in message
>
> news:9698337d-2ed2-4213-81ed-1619d42915fd@22g2000yqr.googlegroups.com...
>
>
>
> > I'm restoring a 420 tube AN/FRR-24 triple diversity HF receiver - all
> > 3121 lbs of it.
> > I need a few more rack-mount modules -
> >   CV-127/FRR-24 FSK converter with scope
> >   PP-648/FRR-24 & PP-649/FRR-24 power supplies
> >   (any FRR-24 or FRR-37 power supplies will be very helpful)
>
> > Also looking for rack-mount modules for AN/FGC-5 and AN/FCC-3
> > telegraph (TTY) multiplex systems.
>
> > Photos at:
> >http://www.navy-radio.com/want-1.htm
> >http://www.navy-radio.com/want-2.htm
> > cheers,
> > Nick K4NYW
> >www.navy-radio.com- Hide quoted text -
>
> - Show quoted text -

AR88s are a good start. I have an AN/FRR-59.
I don't think it has moved in 20 years.

40. Transformer Catalog or cross reference

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-08 11:15:46 UTC
From: sidejobscooter <jsmcauley@earthlink.net>
Message-ID: <VtE1n.4782$nR4.343@newsfe01.iad>
Source record: 1560

Does anyone have any catalogs from the 1950s-'60s that list Crest Transformer products? I need some info on a Crest transformer: Crestran 306FL-196.

I am also looking for an old relay tube; 115NO7T

Thanks,

jsmcauley at earthlink dot net

41. Re: WTB 1950's Navy Radio Gear

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-08 14:18:01 UTC
From: microtv@umich.edu
Message-ID: <4b473e9f$0$18739$6d36acad@usenetnewsserver.com>
Source record: 1561

I've moved my FRR-59 three times in the last 5 years while we moved. The next time my kids will move it. This will be payback for all of the junk they left me to clean up.

You have not really lived until you install one in a rack by yourself.

42. Re: WTB 1950's Navy Radio Gear

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-08 16:03:31 UTC
From: Nick K4NYW <navy.radio@gmail.com>
Message-ID: <d631a33f-6886-449e-b1bf-a9e7c4c753c8@j5g2000yqm.googlegroups.com>
Source record: 1562

On Jan 8, 9:18 am, micr...@umich.edu wrote:
> I've moved my FRR-59 three times in the last 5 years while we moved. The
> next time my kids will move it. This will be payback for all of the junk
> they left me to clean up.
>
> You have not really lived until you install one in a rack by yourself.

Amen - I installed my "lightweight" FRR-59 is in a rack next to the
Big Guy - the FRR-24 is 4 racks worth but the individual modules are
only 40-90 lb. each. My middleweight receiver is a dual-diversity
FRR-60 (TMC DDR-5) - it's 2 racks and about 1200 lbs total. My buddies
are gonna have a great time getting it all out of my basement after
I'm gone!
cheers,
Nick K4NYW
www.navy-radio.com

43. 100Uf 160 AND 450 VOLT CAPACITORS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-08 17:46:39 UTC
From: dialcover@webtv.net
Message-ID: <7781-4B476F7F-861@storefull-3172.bay.webtv.net>
Source record: 1563

ADDED IN ADDITION TO 10, 22, 33, 47 uF. dialcover.com

CHECK MY WEBSITE: www.dialcover.com
Bill Turner, excuse caps, short answers, stroke.

44. for sale MARCONI 1968 catalog

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-09 00:35:00 UTC
From: walt <wbelsito@juno.com>
Message-ID: <83cd301b-6ff6-44b8-8d7d-ace4b62a46e9@e37g2000yqn.googlegroups.com>
Source record: 1564

i have a 1968 MARCONI test equipment catalog .

its 208 pages..size = 8 1/2 by 12 inches and about 3/4 inch thick .

weighs about 2 lb.s

i am asking $ 10

i do paypal .

WALT

45. Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-09 14:41:15 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b48958f$0$1123$4fafbaef@reader3.news.tin.it>
Source record: 1565

In the AM transmitter I am building, the power supply is structured in such a way that it is not possible to measure the final tube plate current at a low-potential point.

So I have decided to connect the tube cathode to ground via a 1-ohm resistor and measure the voltage that develops across that resistor.

I know that, doing so, I will be measuring the sum of plate current (around 200 mA), screen current (around 20 mA) and grid current (around 7 mA). But tuning the transmitter Pi network for minimum total current should still work fine. Any comment?

73

Tony I0JX
Rome, Italy

46. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-09 15:04:16 UTC
From: "w4pqw@cox.net" <w4pqw@cox.net>
Message-ID: <fa69bb00-54ba-4653-946b-7bd0d6eb07c2@m25g2000yqc.googlegroups.com>
Source record: 1566

On Jan 9, 8:41 am, "Antonio Vernucci" <vernu...@tin.it> wrote:
> In the AM transmitter I am building, the power supply is structured in such a
> way that it is not possible to measure the final tube plate current at a
> low-potential point.
>
> So I have decided to connect the tube cathode to ground via a 1-ohm resistor and
> measure the voltage that develops across that resistor.
>
> I know that, doing so, I will be measuring the sum of plate current (around 200
> mA), screen current (around 20 mA) and grid current (around 7 mA). But tuning
> the transmitter Pi network for minimum total current should still work fine. Any
> comment?
>
> 73
>
> Tony I0JX
> Rome, Italy

You are exactly right..Be sure to bypass the the cathode resistor with
something like a point 01 cap . Good luck W4PQW

47. sx-42 s meter problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-09 16:19:53 UTC
From: clive & kristi ingram <boeing.707@hotmail.com>
Message-ID: <LNidnTjzVsCPMNXWnZ2dnUVZ_r6dnZ2d@earthlink.com>
Source record: 1567

hi. i've got a hallicrafters sx-42 that has developed a strange s meter
problem.the receiver works on all bands but the s meter works normaly only
on the first 2 bands,broadcast band and band 2 (1.6 to 5 mc). when I switch
to band 3 (5
to 15 mc) and bands 4, 5 and 6 i hear signals but the s meter indicates
zero. occasionally
there will be a very slight negative indication with the needle moving below
the zero. it
must be getting ok avc on the first 2 bands but not on the others. does
anyone have any
suggestions?
73 ci

48. Re: sx-42 s meter problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-09 18:15:57 UTC
From: Fred McKenzie <fmmck@aol.com>
Message-ID: <fmmck-A25A8A.13155709012010@5ad64b5e.bb.sky.com>
Source record: 1568

In article <LNidnTjzVsCPMNXWnZ2dnUVZ_r6dnZ2d@earthlink.com>,
"clive & kristi ingram" <boeing.707@hotmail.com> wrote:

> hi. i've got a hallicrafters sx-42 that has developed a strange s meter
> problem.the receiver works on all bands but the s meter works normaly only
> on the first 2 bands,broadcast band and band 2 (1.6 to 5 mc). when I switch
> to band 3 (5
> to 15 mc) and bands 4, 5 and 6 i hear signals but the s meter indicates
> zero. occasionally
> there will be a very slight negative indication with the needle moving below
> the zero. it
> must be getting ok avc on the first 2 bands but not on the others. does
> anyone have any
> suggestions?

ci-

My understanding is that the S-Meter is measuring a negative voltage
(AGC) that is developed at the AM detector, and is used to limit the
amplification of an earlier stage.

For the meter to read down-scale, there could be either a vacuum tube
that is "soft" or a DC Blocking capacitor that is leaking. You may find
a tube that has positive voltage on its control grid. That could either
be caused by the tube or the capacitor that feeds it.

Fred
K4DII

49. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-10 20:16:15 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hidci6$76h$1@news.eternal-september.org>
Source record: 1569

w4pqw@cox.net wrote:
> On Jan 9, 8:41 am, "Antonio Vernucci" <vernu...@tin.it> wrote:
>> In the AM transmitter I am building, the power supply is structured in such a
>> way that it is not possible to measure the final tube plate current at a
>> low-potential point.
>>
>> So I have decided to connect the tube cathode to ground via a 1-ohm resistor and
>> measure the voltage that develops across that resistor.
>>
>> I know that, doing so, I will be measuring the sum of plate current (around 200
>> mA), screen current (around 20 mA) and grid current (around 7 mA). But tuning
>> the transmitter Pi network for minimum total current should still work fine. Any
>> comment?
>>
>> 73
>>
>> Tony I0JX
>> Rome, Italy
>
> You are exactly right..Be sure to bypass the the cathode resistor with
> something like a point 01 cap . Good luck W4PQW
The only thing you won't be able to do is to measure the plate input
power of the transmitter, which for your application isn't a requirement.

50. Re: sx-42 s meter problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-10 20:20:49 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hidcqpiei1@news.eternal-september.org>
Source record: 1570

Fred McKenzie wrote:
> In article <LNidnTjzVsCPMNXWnZ2dnUVZ_r6dnZ2d@earthlink.com>,
> "clive & kristi ingram" <boeing.707@hotmail.com> wrote:
>
>> hi. i've got a hallicrafters sx-42 that has developed a strange s meter
>> problem.the receiver works on all bands but the s meter works normaly only
>> on the first 2 bands,broadcast band and band 2 (1.6 to 5 mc). when I switch
>> to band 3 (5
>> to 15 mc) and bands 4, 5 and 6 i hear signals but the s meter indicates
>> zero. occasionally
>> there will be a very slight negative indication with the needle moving below
>> the zero. it
>> must be getting ok avc on the first 2 bands but not on the others. does
>> anyone have any
>> suggestions?
>
> ci-
>
> My understanding is that the S-Meter is measuring a negative voltage
> (AGC) that is developed at the AM detector, and is used to limit the
> amplification of an earlier stage.
>
> For the meter to read down-scale, there could be either a vacuum tube
> that is "soft" or a DC Blocking capacitor that is leaking. You may find
> a tube that has positive voltage on its control grid. That could either
> be caused by the tube or the capacitor that feeds it.
>
> Fred
> K4DII
Yes but the meter reads correctly on two bands so the tubes / capacitors
must still be ok. It's possible that there are capacitors tied to
specific coils that get switched between bands, but my bet would be that
you have a high resistance contact on the band switch. Get some switch
cleaner spray and have a go at that switch. After spraying the contacts
rotate the switch back and forth around the bad positions to get the
cleaner to do it's work. Also check the coils for an open winding, or a
bad solder joint that has gone high resistance between the coil and the
band switch.

51. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-10 22:30:03 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b4a54ef$0$1126$4fafbaef@reader3.news.tin.it>
Source record: 1571

> The only thing you won't be able to do is to measure the plate input power of
> the transmitter, which for your application isn't a requirement.

My only concern is that tuning for the minimum cathode current may not be as sharp as tuning for the minimum plate current, because when plate current decreases the screen current increases (though only about 1/10 in magnitude).

73

Tony I0JX

52. Re: sx-42 s meter problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-10 23:13:53 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <L92dne7ZoJarwtfWnZ2dnUVZ_rWdnZ2d@earthlink.com>
Source record: 1572

"clive & kristi ingram" <boeing.707@hotmail.com> wrote in
message
news:LNidnTjzVsCPMNXWnZ2dnUVZ_r6dnZ2d@earthlink.com...
> hi. i've got a hallicrafters sx-42 that has developed a
> strange s meter
> problem.the receiver works on all bands but the s meter
> works normaly only
> on the first 2 bands,broadcast band and band 2 (1.6 to 5
> mc). when I switch to band 3 (5
> to 15 mc) and bands 4, 5 and 6 i hear signals but the s
> meter indicates zero. occasionally
> there will be a very slight negative indication with the
> needle moving below the zero. it
> must be getting ok avc on the first 2 bands but not on the
> others. does anyone have any
> suggestions?
> 73 ci

I am not sure the S-meter measures AVC action directly.
On my Hallicrafters (and other) receivers it measures
cathode or plate current in some tube. These meters are
usually reversed, i.e., when off the pointer goes to the
right (high end) of the scale. The meter in the SX-42 is
switched and also acts as a tuning meter for FM. It also
appears to be switched for different bands but the
schematics are confusing and I have not traced out the meter
circuit.
Check the tube socket voltages and resistances for a
start. Also, it should be obvious if the AVC is working or
not regardless of the meter.
The SX-42 is notoriously difficult to work on so I wish
you success and a good supply of patients.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

53. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-10 23:32:52 UTC
From: kludge@panix.com
Message-ID: <hido34fej1@panix2.panix.com>
Source record: 1573

Antonio Vernucci <vernucci@tiscali.it> wrote:
>> The only thing you won't be able to do is to measure the plate input power of
>> the transmitter, which for your application isn't a requirement.
>
>My only concern is that tuning for the minimum cathode current may not be as
>sharp as tuning for the minimum plate current, because when plate current
>decreases the screen current increases (though only about 1/10 in magnitude).

Is there any way that the tube can fail in such a way that the cathode current
is good but the plate current is not? Screen damage?
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

54. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-11 00:11:38 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hidqbi$4ep$1@news.eternal-september.org>
Source record: 1574

Scott Dorsey wrote:
> Antonio Vernucci <vernucci@tiscali.it> wrote:
>>> The only thing you won't be able to do is to measure the plate input power of
>>> the transmitter, which for your application isn't a requirement.
>> My only concern is that tuning for the minimum cathode current may not be as
>> sharp as tuning for the minimum plate current, because when plate current
>> decreases the screen current increases (though only about 1/10 in magnitude).
>
> Is there any way that the tube can fail in such a way that the cathode current
> is good but the plate current is not? Screen damage?
> --scott
Another idea would be to connect an rf voltmeter to the antenna
connection and just tune for max rf voltage. This is the best way to
tune a screen grid power tube anyway. Most ham rigs have a meter
position to tune for max power output, and this usually is just a diode
connected through a small capacitor to the antenna output of the rig.
The diode is connected through a resistor to the meter, and the meter is
bypassed by another capacitor. Sometimes a resistive voltage divider is
connected between the diode and the coupling capacitor to the antenna
terminal (for high power rigs). Should be some circuit ideas in older
ARRL HB's.

55. Re: hammarlund sp-210 xformers

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-11 11:27:51 UTC
From: frank <frank@ottone.venere.it>
Message-ID: <4b4b0b37$0$693$5fc30a8@news.tiscali.it>
Source record: 1575

Kenneth Scharf <wa2mze@bellsouth.net> wrote:
> Here is the manual for the SP2xx aka BC779
> http://63.227.91.114/Common/Manuals/Desc_Manuals.php/

Kenneth,
thanks for the link and informations about the transformers. It appears
I have to find someone who can make them or find some old original
replacements.
By the way, the model I have is the one with 100-200 Kc and 200-400 Kc
bands.
best regards
Frank IZ8DWF

56. T368 for SALE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-11 14:38:15 UTC
From: FCC <jimo@vt.edu>
Message-ID: <hifd67he1@solaris.cc.vt.edu>
Source record: 1576

T-368 FS, $2.00 per pound.

57. Re: Performance of Heathkit SB-610

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-11 17:24:40 UTC
From: David <david@drumheller.org>
Message-ID: <ace5fcdc-146f-4600-b7ea-e318f24a6152@x15g2000vbr.googlegroups.com>
Source record: 1577
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

On Dec 25 2009, 8:26 am, Jeffrey D Angus <jan...@suddenlink.net>
wrote:
> David wrote:
> > So here's my question: Building the pre-amp was a fun and useful
> > project, but is my scope's performance without the pre-amp typical?
>
> I have one of those...And yeah, sounds like your gain is down a
> bit from normal.
>
> Jeff

Yes, I think this is the problem.

I put my oscilloscope on an isolation transformer and placed its probe
across the tank circuit (filter) at the output of the vertical
amplifier that drives the SB-601's cathode ray tube. With the SB-301
receiver tuned to it's internal 100kHz crystal oscillator, I measured
an 80 Volt peak-to-peak swing for a 1/2-inch thick trace, indicating
that the deflection constant for the CRT is about half of what it's
supposed to be. I suppose I could re-engineer the SB-610 to account
for the weak CRT, but it isn't worth it.

-Dave Drumheller, K3WQ

58. Re: sx-42 s meter problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-13 15:54:47 UTC
From: clive & kristi ingram <boeing.707@hotmail.com>
Message-ID: <EdCdnenFtNtzcdDWnZ2dnUVZ_tKdnZ2d@earthlink.com>
Source record: 1578

thanks to you fred, ken and richard for your help. looks like contact
cleaner on the band switch and/or
a quickie alignment on the rf section fixed the problem. really appreciate
you knowledgeable guys' help.

ci

59. WTB Heathlit HR-20 Mobile Receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-13 19:25:16 UTC
From: w6chr <w6chr.59408c3@radiobanter.com>
Message-ID: <w6chr.59408c3@radiobanter.com>
Source record: 1581

WTB heathkit hr-20 receiver.dont care if it works but needs to be
complete. please aend ph # and price. thanks

--
w6chr

60. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-13 21:39:33 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <630101f3-210f-4ff5-91b6-0d0e30b28427@o28g2000yqh.googlegroups.com>
Source record: 1579

On Jan 11, 12:11 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> Scott Dorsey wrote:
> > Antonio Vernucci <vernu...@tiscali.it> wrote:
> >>> The only thing you won't be able to do is to measure the plate input power of
> >>> the transmitter, which for your application isn't a requirement.
> >> My only concern is that tuning for the minimum cathode current may not be as
> >> sharp as tuning for the minimum plate current, because when plate current
> >> decreases the screen current increases (though only about 1/10 in magnitude).
>
> > Is there any way that the tube can fail in such a way that the cathode current
> > is good but the plate current is not? Screen damage?
> > --scott
>
> Another idea would be to connect an rf voltmeter to the antenna
> connection and just tune for max rf voltage. This is the best way to
> tune a screen grid power tube anyway. Most ham rigs have a meter
> position to tune for max power output, and this usually is just a diode
> connected through a small capacitor to the antenna output of the rig.
> The diode is connected through a resistor to the meter, and the meter is
> bypassed by another capacitor. Sometimes a resistive voltage divider is
> connected between the diode and the coupling capacitor to the antenna
> terminal (for high power rigs). Should be some circuit ideas in older
> ARRL HB's.

Just get a clip on ammeter or hall effect sensor and mesure the
plate direct ?

G ..

61. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-13 21:46:24 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <264c80d4-2d22-46b2-8d74-c0de9267c554@k19g2000yqc.googlegroups.com>
Source record: 1580

On Jan 11, 12:11 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> Scott Dorsey wrote:
> > Antonio Vernucci <vernu...@tiscali.it> wrote:
> >>> The only thing you won't be able to do is to measure the plate input power of
> >>> the transmitter, which for your application isn't a requirement.
> >> My only concern is that tuning for the minimum cathode current may not be as
> >> sharp as tuning for the minimum plate current, because when plate current
> >> decreases the screen current increases (though only about 1/10 in magnitude).
>
> > Is there any way that the tube can fail in such a way that the cathode current
> > is good but the plate current is not? Screen damage?
> > --scott
>
> Another idea would be to connect an rf voltmeter to the antenna
> connection and just tune for max rf voltage. This is the best way to
> tune a screen grid power tube anyway. Most ham rigs have a meter
> position to tune for max power output, and this usually is just a diode
> connected through a small capacitor to the antenna output of the rig.
> The diode is connected through a resistor to the meter, and the meter is
> bypassed by another capacitor. Sometimes a resistive voltage divider is
> connected between the diode and the coupling capacitor to the antenna
> terminal (for high power rigs). Should be some circuit ideas in older
> ARRL HB's.

My skanti-trp5000 tunes the valve stage by measuring the rf
voltage on the plates ....the 'level' is set at voltage
such that the tubes are matched to the correct load .. and maximum
power out occures ..all you need to do is select medium power and
tune (2 tone test) to the pre defined voltage level .. thats 150
watts carrier power out ,

G .

62. Need schematic for TenTec PowerMite

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-14 01:53:52 UTC
From: W0PBV <mcalhoun@ksu.edu>
Message-ID: <c24d4650-79c5-4d1d-80fe-cc6b85f499bf@u41g2000yqe.googlegroups.com>
Source record: 1582
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.equipment

I need schematics for TenTec's PowerMite PM2A and for its AC-2, AC-3, AC-4, and AC-5 accessories.

Please email W0PBV at ARRL dot net

--W0PBV.

63. Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-14 14:22:41 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hin9bh$6qp$1@news.eternal-september.org>
Source record: 1583

Does anybody have an old large panel meter (case inside dia of 3"). The meter can (should) be broken as all I need is the outside case. I need a bezel for a 3" CRT and a case from a broken panel meter with a 3" (inside) diameter would work fine.

64. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-14 17:48:42 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b4f58fe$0$818$4fafbaef@reader5.news.tin.it>
Source record: 1584

> Another idea would be to connect an rf voltmeter to the antenna connection and
> just tune for max rf voltage.

I found THE solution to measure current flowing though a wire at high potential without risks!

Solution is to use an Hall-effect transducer of the same type used in the newer clamp meters (those able to measure both AC and DC currents). One can order transducers with full-scale currents ranging from as low as 10mA to tens of Amps. The high-potential wire passes through a hole having a diameter of two centrimeners, so it is fully insulated from the measurement circuitry,

The transducer can directly drive a meter having a full-scale current of 20 mA or less. See http://www.chenyang-ism.com/

73

Tony I0JX

65. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-14 19:31:57 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hinrfc$468$1@news.eternal-september.org>
Source record: 1585

Antonio Vernucci wrote:
>> Another idea would be to connect an rf voltmeter to the antenna
>> connection and just tune for max rf voltage.
>
> I found THE solution to measure current flowing though a wire at high
> potential without risks!
>
> Solution is to use an Hall-effect transducer of the same type used in
> the newer clamp meters (those able to measure both AC and DC currents).
> One can order transducers with full-scale currents ranging from as low
> as 10mA to tens of Amps. The high-potential wire passes through a hole
> having a diameter of two centrimeners, so it is fully insulated from the
> measurement circuitry,
>
> The transducer can directly drive a meter having a full-scale current of
> 20 mA or less. See http://www.chenyang-ism.com/
>
> 73
>
> Tony I0JX
>
If the plate supply has it's own power supply with a separate power
transformer or winding the meter can be placed in the negative lead of
the power supply. Be sure to place the meter outside of any bleeder
resistors so you don't measure the bleeder current.

66. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-14 23:49:46 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b4fad9f$0$1104$4fafbaef@reader4.news.tin.it>
Source record: 1586

> If the plate supply has it's own power supply with a separate power
> transformer or winding the meter can be placed in the negative lead of the
> power supply. Be sure to place the meter outside of any bleeder resistors so
> you don't measure the bleeder current.

Thanks for your suggestion, but in my initial message I had mentioned that my power supply is structured in such a way not to permit measuring plate current on the negative lead as it would otherwise be normal to do.

As a matter of fact the low-voltage supply is part of the high-voltage supply; they are not separate. Therefore the current flowing in the negative lead is the sum of the currents of the two supplies, and it is then not possible to isolate the plate current of the final tube.

Unfortunately no alternative to measuring it on the high-voltage lead.

73

Tony I0JX

67. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-15 00:42:08 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hiodl0tsa1@news.eternal-september.org>
Source record: 1587

Antonio Vernucci wrote:
>> If the plate supply has it's own power supply with a separate power
>> transformer or winding the meter can be placed in the negative lead of
>> the power supply. Be sure to place the meter outside of any bleeder
>> resistors so you don't measure the bleeder current.
>
> Thanks for your suggestion, but in my initial message I had mentioned
> that my power supply is structured in such a way not to permit measuring
> plate current on the negative lead as it would otherwise be normal to do.
>
> As a matter of fact the low-voltage supply is part of the high-voltage
> supply; they are not separate. Therefore the current flowing in the
> negative lead is the sum of the currents of the two supplies, and it is
> then not possible to isolate the plate current of the final tube.
>
> Unfortunately no alternative to measuring it on the high-voltage lead.
>
> 73
>
> Tony I0JX
>
Most good panel meters (Triplet, etc) 2" or larger in diameter in thick
Bakelite cases having glass windows are probably insulated well enough
to safely be used in the high voltage side up to at least 1kv (or more).
I wouldn't try it with a cheap imported meter in a thin plastic case
and a plastic window. Back in the days when REAL transmitters were
housed in relay rack cabinets it was the norm to put an ammeter in the
HV lead. Note that trying to switch a single meter between grid,
screen, plate, and HV readings (meter is used as a voltmeter and reads
voltage across shunts for current) gets tricky, a WELL insulated switch
is required with good isolation between selections! Using every other
position of a rotary switch and yanking out the unused contacts might
have been common.

68. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-15 16:56:02 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <89713318-ee97-418d-926c-fe127802d12d@26g2000yqo.googlegroups.com>
Source record: 1588

On Jan 14, 6:22 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> Does anybody have an old large panel meter (case inside dia of 3"). The
> meter can (should) be broken as all I need is the outside case. I need
> a bezel for a 3" CRT and a case from a broken panel meter with a 3"
> (inside) diameter would work fine.

I'll look this evening, or tomorrow. Do you want metal or plastic?
Where are you located? I am in Oregon.

Paul, KD7HB

69. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-15 20:26:46 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hiqj26$ud9$1@news.eternal-september.org>
Source record: 1589

pdrahn@coinet.com wrote:
> On Jan 14, 6:22 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>> Does anybody have an old large panel meter (case inside dia of 3"). The
>> meter can (should) be broken as all I need is the outside case. I need
>> a bezel for a 3" CRT and a case from a broken panel meter with a 3"
>> (inside) diameter would work fine.
>
> I'll look this evening, or tomorrow. Do you want metal or plastic?
> Where are you located? I am in Oregon.
>
> Paul, KD7HB
I'm in south Florida (FTL area). I think plastic might work out better,
but if it's non-magnetic metal (brass, aluminum, etc) that should be OK
too. The ID needs to be at least 3" so the CRT will fit. Most 3"
meters are a bit smaller than that, I know they made larger ones, but
not a popular size. I don't need the movement so if that's toast so
much the better, rather than destroy a good meter. Of course if it has
a useless range like 200A DC who cares?

70. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-15 21:43:44 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b50e196$0$1113$4fafbaef@reader4.news.tin.it>
Source record: 1590

> Most good panel meters (Triplet, etc) 2" or larger in diameter in thick
> Bakelite cases having glass windows are probably insulated well enough to
> safely be used in the high voltage side up to at least 1kv (or more). I
> wouldn't try it with a cheap imported meter in a thin plastic case and a
> plastic window. Back in the days when REAL transmitters were housed in relay
> rack cabinets it was the norm to put an ammeter in the HV lead. Note that
> trying to switch a single meter between grid, screen, plate, and HV readings
> (meter is used as a voltmeter and reads voltage across shunts for current)
> gets tricky, a WELL insulated switch is required with good isolation between
> selections! Using every other position of a rotary switch and yanking out the
> unused contacts might have been common.

My Geloso transmitter just adopts the arrangement you mention. But I would prefer to avoid it, mainly because of the HV present on the meter switch.

The Hall-effect transducer seems to be perfect for measuring current forgetting about HV. When I will get it I will report whether it really works fine for our applications or not.

73

Tony I0JX

71. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-15 23:28:01 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <6e8830de-6e7a-4b53-8e3f-d5fae23e850b@c3g2000yqd.googlegroups.com>
Source record: 1591

On 15 Jan, 21:43, "Antonio Vernucci" <vernu...@tin.it> wrote:
> > Most good panel meters (Triplet, etc) 2" or larger in diameter in thick
> > Bakelite cases having glass windows are probably insulated well enough to
> > safely be used in the high voltage side up to at least 1kv (or more). I
> > wouldn't try it with a cheap imported meter in a thin plastic case and a
> > plastic window. Back in the days when REAL transmitters were housed in relay
> > rack cabinets it was the norm to put an ammeter in the HV lead. Note that
> > trying to switch a single meter between grid, screen, plate, and HV readings
> > (meter is used as a voltmeter and reads voltage across shunts for current)
> > gets tricky, a WELL insulated switch is required with good isolation between
> > selections! Using every other position of a rotary switch and yanking out the
> > unused contacts might have been common.
>
> My Geloso transmitter just adopts the arrangement you mention. But I would
> prefer to avoid it, mainly because of the HV present on the meter switch.
>
> The Hall-effect transducer seems to be perfect for measuring current forgetting
> about HV. When I will get it I will report whether it really works fine for our
> applications or not.
>
> 73
>
> Tony I0JX

Tony , I should think it will be ok , may be will need a little rf
screening ... as a Idea try using a coax as the plate
supply cable , with the braid earthed ... the copper 'should'
not affect the magnetic field ... try it out with a low voltage
psu and resistor as a load ?

G ..

72. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-16 00:11:55 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b510450$0$1129$4fafbaef@reader3.news.tin.it>
Source record: 1592

Tony , I should think it will be ok , may be will need a little rf
screening ... as a Idea try using a coax as the plate
supply cable , with the braid earthed ... the copper 'should'
not affect the magnetic field ... try it out with a low voltage
psu and resistor as a load ?

G ..

I will try but I would not expect RF problems because the Hall transducer will
be located inside the modulator screened enclosure and inserted before the
modulation transformer where there is plenty of bypass capacitance to ground.

73

Tony I0JX

73. Haiti

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-16 03:51:14 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <a00e9cfa-bf85-49b8-9ac5-c9fea5aa3431@s31g2000yqs.googlegroups.com>
Source record: 1593

Does anyone have any reports of radio amateurs being involved in the
Haiti disaster relief?
On a related point, we've heard very little in the media about radio
being used in relief communications - it's been all about no wired
phones, little or no internet, few cellphone towers, some twitter use,
facebook groups, etc... where's the good, old fashioned analog radio?
Cheers,
Roger

74. Re: Haiti

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-16 04:22:57 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001152320460.2874@darkstar.example.net>
Source record: 1594

On Fri, 15 Jan 2010, Engineer wrote:

> Does anyone have any reports of radio amateurs being involved in the
> Haiti disaster relief?
> On a related point, we've heard very little in the media about radio
> being used in relief communications - it's been all about no wired
> phones, little or no internet, few cellphone towers, some twitter use,
> facebook groups, etc... where's the good, old fashioned analog radio?
> Cheers,
> Roger
>

They don't use "good old fashioned analog radios".

They go over to .equipment or one of the other newsgroups related to operating, because nobody would be using boatanchors for emergency communication at this point. Too big at the very least, use up too much power, lacking in capability.

Now, if you want to talk about WERS back in WWII, or other early use of radio for emergency, then this is likely the right place. Otherwise, it belongs elsewhere, and there are plenty of newsgroups for that.

Michael VE2BVW

75. Re: Haiti

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-16 04:46:33 UTC
From: Bill M <radioexray@geeemail.com>
Message-ID: <hirgbd011u0@news7.newsguy.com>
Source record: 1595

Michael Black wrote:
> On Fri, 15 Jan 2010, Engineer wrote:
>
>> Does anyone have any reports of radio amateurs being involved in the
>> Haiti disaster relief?
>> On a related point, we've heard very little in the media about radio
>> being used in relief communications - it's been all about no wired
>> phones, little or no internet, few cellphone towers, some twitter use,
>> facebook groups, etc... where's the good, old fashioned analog radio?
>> Cheers,i
>> Roger
>>
> They don't use "good old fashioned analog radios".
>
> They go over to .equipment or one of the other newsgroups related to
> operating, because nobody would be using boatanchors for emergency
> communication at this point. Too big at the very least, use up too much
> power, lacking in capability.
>
> Now, if you want to talk about WERS back in WWII, or other early use of
> radio for emergency, then this is likely the right place. Otherwise,
> it belongs elsewhere, and there are plenty of newsgroups for that.
>
> Michael VE2BVW
>
When we had H'cane Marilyn+Luis simultaneously hitting Anguilla in 1995
the Cable&Wireless guy showed up with a sat phone in a briefcase. He
plugged in the exchange and whammo...we had outside contact again.

Granted Anguilla is a small place but also granted that was 15 years
ago. I'm sure the communications guys are getting Haiti plugged back
into the world although local distribution suffers.

Some of the first reports I read were from a 'twitterer' outside of the
city using a Blackberry. The ham freqs are very quiet.

Its a new world, isn't it?

-Bill

76. Re: Haiti

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-16 13:57:07 UTC
From: ci <boeing.707@hotmail.com>
Message-ID: <8tidncfTcrBkWMzWnZ2dnUVZ_gudnZ2d@earthlink.com>
Source record: 1596

Twitter? Cell phones? Ad nauseum. What fools.

Such technology is the salvation that is what they'd LIKE us to all believe is the answer. They are foolish to rely on the frailty of such technology. I'm
sitting here now listening to all sorts of shortwave from Jamaica, Cuba and the Dominican Republic, all countries in the same region as Haiti. To castigate
so-called "big, old boatanchors" is mindless nonsense and they are shooting themselves in the foot not employing "old" analog technology.

If you are dehydrated in the desert, you're ignorant to ignore a pond of water while you search for a crystal champagne glass.

ci

77. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-16 18:35:44 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <349c79a1-ccfc-4778-a577-369833d378dd@l19g2000yqb.googlegroups.com>
Source record: 1597

On Jan 15, 12:26 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> pdr...@coinet.com wrote:
> > On Jan 14, 6:22 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> >> Does anybody have an old large panel meter (case inside dia of 3"). The
> >> meter can (should) be broken as all I need is the outside case. I need
> >> a bezel for a 3" CRT and a case from a broken panel meter with a 3"
> >> (inside) diameter would work fine.
>
> > I'll look this evening, or tomorrow. Do you want metal or plastic?
> > Where are you located? I am in Oregon.
>
> > Paul, KD7HB
>
> I'm in south Florida (FTL area). I think plastic might work out better,
> but if it's non-magnetic metal (brass, aluminum, etc) that should be OK
> too. The ID needs to be at least 3" so the CRT will fit. Most 3"
> meters are a bit smaller than that, I know they made larger ones, but
> not a popular size. I don't need the movement so if that's toast so
> much the better, rather than destroy a good meter. Of course if it has
> a useless range like 200A DC who cares?

Well, we are in luck, maybe. I have a meter here that is 3.000 inside the removable back plate. However, below that, the case ID is reduced to 2.910 inches, making a ledge for the back to rest on. The whole case, front and back, is a single molding. The lower 40% of the meter face is part of the molding. If you need the entire front of the scope to be viewable, the case will need to be chucked in a lathe and the front turned off. The window part of the case is glass cemented to the case.

This meter came from an old German made wave solder machine that registered the chain speed in meters per minute. It has internal circuitry. The size is certainly Metric.

I can send pictures if you would like. I can also try to turn off the face in a lathe, but it would be much better if you supervised the operation so you get what you want.

I may have more meters at work, but probably none that come this close to the size you need. Will look for the box on Monday, but I think they are all smaller.

If this works for you, just pay for postage.

Paul, KD7HB

78. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 01:00:36 UTC
From: Bill Janssen <billj@ieee.org>
Message-ID: <iit4n.7979$nR4.5888@newsfe01.iad>
Source record: 1598

pdrahn@coinet.com wrote:
> On Jan 15, 12:26 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>
>> pdr...@coinet.com wrote:
>>
>>> On Jan 14, 6:22 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>>>
>>>> Does anybody have an old large panel meter (case inside dia of 3"). The
>>>> meter can (should) be broken as all I need is the outside case. I need
>>>> a bezel for a 3" CRT and a case from a broken panel meter with a 3"
>>>> (inside) diameter would work fine.
>>>>
>>> I'll look this evening, or tomorrow. Do you want metal or plastic?
>>> Where are you located? I am in Oregon.
>>>
>>> Paul, KD7HB
>>>
>> I'm in south Florida (FTL area). I think plastic might work out better,
>> but if it's non-magnetic metal (brass, aluminum, etc) that should be OK
>> too. The ID needs to be at least 3" so the CRT will fit. Most 3"
>> meters are a bit smaller than that, I know they made larger ones, but
>> not a popular size. I don't need the movement so if that's toast so
>> much the better, rather than destroy a good meter. Of course if it has
>> a useless range like 200A DC who cares?
>>
>
> Well, we are in luck, maybe. I have a meter here that is 3.000 inside
> the removable back plate. However, below that, the case ID is reduced
> to 2.910 inches, making a ledge for the back to rest on. The whole
> case, front and back, is a single molding. The lower 40% of the meter
> face is part of the molding. If you need the entire front of the scope
> to be viewable, the case will need to be chucked in a lathe and the
> front turned off. The window part of the case is glass cemented to the
> case.
>
> This meter came from an old German made wave solder machine that
> registered the chain speed in meters per minute. It has internal
> circuitry. The size is certainly Metric.
>
> I can send pictures if you would like. I can also try to turn off the
> face in a lathe, but it would be much better if you supervised the
> operation so you get what you want.
>
> I may have more meters at work, but probably none that come this close

> to the size you need. Will look for the box on Monday, but I think
> they are all smaller.
>
> If this works for you, just pay for postage.
>
> Paul, KD7HB
>
How about a 3 inch bezel and a 3 inch crt with socket. I have one in my
junk box.

Bill K7NOM (near Sacramento CA)

79. AN/TNH-21 tape recorder schematic or manual needed

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 02:17:30 UTC
From: Nick K4NYW <navy.radio@gmail.com>
Message-ID: <34aa593b-7a78-4fa1-869a-f45ab17a0fb5@14g2000yqp.googlegroups.com>
Source record: 1599

Any suggestions, pointers, and help greatly appreciated. This may not
be the right forum but I'm not sure what is!
I've acquired a 4-channel, 5 speed reel-to-reel audio recorder used by
the Navy and others for signal intercept and analysis. But I need a
manual or schematic to get it running - the only manual I have found
reference to was published by the National Security Agency.
It is AN/TNH-21, manuf by Video Research Corp, Riviera Beach FL
Photos at http://www.navy-radio.com/record.htm
cheers,
Nick

80. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 03:28:18 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <1134fd18-7adc-4d67-95a2-a848bbbbc9e3@b2g2000yqi.googlegroups.com>
Source record: 1600

On Jan 16, 5:00 pm, Bill Janssen <bi...@ieee.org> wrote:
> pdr...@coinet.com wrote:
> > On Jan 15, 12:26 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>
> >> pdr...@coinet.com wrote:
>
> >>> On Jan 14, 6:22 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>
> >>>> Does anybody have an old large panel meter (case inside dia of 3"). The
> >>>> meter can (should) be broken as all I need is the outside case. I need
> >>>> a bezel for a 3" CRT and a case from a broken panel meter with a 3"
> >>>> (inside) diameter would work fine.
>
> >>> I'll look this evening, or tomorrow. Do you want metal or plastic?
> >>> Where are you located? I am in Oregon.
>
> >>> Paul, KD7HB
>
> >> I'm in south Florida (FTL area). I think plastic might work out better,
> >> but if it's non-magnetic metal (brass, aluminum, etc) that should be OK
> >> too. The ID needs to be at least 3" so the CRT will fit. Most 3"
> >> meters are a bit smaller than that, I know they made larger ones, but
> >> not a popular size. I don't need the movement so if that's toast so
> >> much the better, rather than destroy a good meter. Of course if it has
> >> a useless range like 200A DC who cares?
>
> > Well, we are in luck, maybe. I have a meter here that is 3.000 inside
> > the removable back plate. However, below that, the case ID is reduced
> > to 2.910 inches, making a ledge for the back to rest on. The whole
> > case, front and back, is a single molding. The lower 40% of the meter
> > face is part of the molding. If you need the entire front of the scope
> > to be viewable, the case will need to be chucked in a lathe and the
> > front turned off. The window part of the case is glass cemented to the
> > case.
>
> > This meter came from an old German made wave solder machine that
> > registered the chain speed in meters per minute. It has internal
> > circuitry. The size is certainly Metric.
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> > I can send pictures if you would like. I can also try to turn off the
> > face in a lathe, but it would be much better if you supervised the
> > operation so you get what you want.
>
> > I may have more meters at work, but probably none that come this close

> > to the size you need. Will look for the box on Monday, but I think
> > they are all smaller.
>
> > If this works for you, just pay for postage.
>
> > Paul, KD7HB
>
> How about a 3 inch bezel and a 3 inch crt with socket. I have one in my
> junk box.
>
> Bill K7NOM (near Sacramento CA)

I was thinking about offering him my old military surplus 3" scope but thought he might have more fun with a meter housing. The scope was an Air Force MARS issue and I used it for RTTY tuning. Boy, was that a long time ago!

Paul, KD7HB

81. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 21:42:13 UTC
From: COLIN LAMB <k7fm@teleport.com>
Message-ID: <P-WdncHudaeuGc7WnZ2dnUVZ_j-dnZ2d@earthlink.com>
Source record: 1401

There are a number of rigs that measure cathode current rather than plate current. Depending upon the tube, screen current is only a small percentage of plate current, so even a 10% change in screen current may result in only in a 1 or 2% in cathode current.

I have one other bizarre thought - which I admit has not been given much thought - suppose you fed the screen with a constant current source, so that screen current would not change at resonance?

Also, off this subject and back to screen modulation techniques, the old Radio Handbook mentions that many beam power tubes will self modulate, with no additional screen audio supplied. Apparently, it can vary from tube to tube. Despite that stateement, I know of many am transmitters using beam plate final tubes that do have audio applied to the screen, so take the statement with a grain of salt.

73, Colin K7FM

82. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 21:43:13 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hj009dmsi1@news.eternal-september.org>
Source record: 1402

```
Bill Janssen wrote:
> pdrahn@coinet.com wrote:
>> On Jan 15, 12:26 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>>
>>> pdr...@coinet.com wrote:
>>>
>>>> On Jan 14, 6:22 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>>>>
>>>>> Does anybody have an old large panel meter (case inside dia of
>>>>> 3"). The
>>>>> meter can (should) be broken as all I need is the outside case. I
>>>>> need
>>>>> a bezel for a 3" CRT and a case from a broken panel meter with a 3"
>>>>> (inside) diameter would work fine.
>>>>>
>>>> I'll look this evening, or tomorrow. Do you want metal or plastic?
>>>> Where are you located? I am in Oregon.
>>>> Paul, KD7HB
>>>>
>>> I'm in south Florida (FTL area). I think plastic might work out better,
>>> but if it's non-magnetic metal (brass, aluminum, etc) that should be OK
>>> too. The ID needs to be at least 3" so the CRT will fit. Most 3"
>>> meters are a bit smaller than that, I know they made larger ones, but
>>> not a popular size. I don't need the movement so if that's toast so
>>> much the better, rather than destroy a good meter. Of course if it has
>>> a useless range like 200A DC who cares?
>>>
>>
>> Well, we are in luck, maybe. I have a meter here that is 3.000 inside
>> the removable back plate. However, below that, the case ID is reduced
>> to 2.910 inches, making a ledge for the back to rest on. The whole
>> case, front and back, is a single molding. The lower 40% of the meter
>> face is part of the molding. If you need the entire front of the scope
>> to be viewable, the case will need to be chucked in a lathe and the
>> front turned off. The window part of the case is glass cemented to the
>> case.
>>
>> This meter came from an old German made wave solder machine that
>> registered the chain speed in meters per minute. It has internal
>> circuitry. The size is certainly Metric.
>>
>> I can send pictures if you would like. I can also try to turn off the
>> face in a lathe, but it would be much better if you supervised the
>> operation so you get what you want.
```

>>
>> I may have more meters at work, but probably none that come this close
>> to the size you need. Will look for the box on Monday, but I think
>> they are all smaller.
>>
>> If this works for you, just pay for postage.
>>
>> Paul, KD7HB
>>
> How about a 3 inch bezel and a 3 inch crt with socket. I have one in my
> junk box.
>
> Bill K7NOM (near Sacramento CA)
Hey if someone has an actual CRT bezel for a 3" tube that would be nice!
Is it a Millen or something war surplus? I don't need the tube,
actually I have a VERY nice 3ADP1 by Dumont. It's a weird bottle, the
front is not a cone shape but rather a cylinder that goes straight back
for about 3" before it tapers all at once to a smaller cylinder holding
the electron gun. The deflection plates and the second anode connect to
pins sticking out of the tube neck. It has a standard 12 pin crt base
(12 pin "octal"). It's a PDA type with the third anode connector in the
usual place on the tube bulb. VERY high deflection sensitivity and
probably good to over 100 MHZ. If anybody has ever seen the cover of
the November/December 1975 73 magazine you know what I'm building!

I also have a 3ACP1 and a Millen shield that fits it, but the 3ADP1 is a
better tube and I don't have a way to mount it (no shield I've ever seen
that mounts to the panel will fit this tube!).

83. Another SX-42 question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 22:34:07 UTC
From: clive & kristi ingram <boeing.707@hotmail.com>
Message-ID: <aL-dneUgQaXiDc7WnZ2dnUVZ_j6dnZ2d@earthlink.com>
Source record: 1403

Can anyone tell me, when unlocking BANDSPREAD dial and turning the BANDSPREAD knob fully clockwise, is the BANDSPREAD DIAL supposed to reach its turn limit on or near the red "ZERO" line or is it supposed to reach its limit on or near the low end of bandspread frequency arcs (coinciding with the logging scale number "100")? If you have an SX-42, does your BANDSPREAD track reasonably closely when placed on the ham band "dots" on the MAIN TUNING dial?

Thanks for the continued help with this project.

ci

84. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 23:42:29 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b53a06a$0$1116$4fafbaef@reader2.news.tin.it>
Source record: 1404

> There are a number of rigs that measure cathode current rather than plate
> current. Depending upon the tube, screen current is only a small percentage
> of plate current, so even a 10% change in screen current may result in only in
> a 1 or 2% in cathode current.
> I have one other bizarre thought - which I admit has not been given much
> thought - suppose you fed the screen with a constant current source, so that
> screen current would not change at resonance?

That was the very initial question of my post. My concern was that tuning for the minimum cathode current may not be as sharp as tuning for the minimum plate current, because when plate current decreases the screen current increases (though only about 1/10 in magnitude). I am not feeding the screen through a resistor from the HV because I do not wish to add a clamp tube to avoid screen voltage rising too much in absence of drive. I am feeding it from a very stable low-voltage supply, so screen current will vary.

> Also, off this subject and back to screen modulation techniques, the old Radio
> Handbook mentions that many beam power tubes will self modulate, with no
> additional screen audio supplied. Apparently, it can vary from tube to tube.
> Despite that stateement, I know of many am transmitters using beam plate final
> tubes that do have audio applied to the screen, so take the statement with a
> grain of salt.

The self-modulation method is just the one I am using. I have a 20H choke on the screen path, and that will (I hope so!) self-modulate the screen. I plan to finish work in a month from now. At that time I will be able to report to which extent screen self-modulation works.

73

Tony I0JX
Rome, Italy

85. Re: Another SX-42 question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-17 23:55:23 UTC
From: Ed Engelken <EdEngel@gvtc.com>
Message-ID: <72c9f060-3bc4-4d40-8689-d89c6a9c08f6@j14g2000yqm.googlegroups.com>
Source record: 1405

On Jan 17, 4:34 pm, "clive & kristi ingram" <boeing....@hotmail.com>
wrote:
> Can anyone tell me, when unlocking BANDSPREAD dial and turning the
> BANDSPREAD knob fully clockwise, is the BANDSPREAD DIAL supposed to reach
> its turn limit on or near the red "ZERO" line or is it supposed to reach its
> limit on or near the low end of bandspread frequency arcs (coinciding with
> the logging scale number "100")? If you have an SX-42, does your BANDSPREAD
> track reasonably closely when placed on the ham band "dots" on the MAIN
> TUNING dial?
==========
The bandspread dial should read ZERO when the bandspread capacitor is
at minimum capacity i.e., when the plates are in the un-meshed
position. On my SX-42 the 20-meter band is right side of ZERO and the
remaining bands are on the left side of ZERO. The minimum capacity
(un-meshed position) of the bandspread capacitor is in the middle of
its rotation range and the bandspread dial should read ZERO there. --
Ed

86. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-18 18:49:45 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <a1b8b404-508a-43ee-8520-6d66718870b3@j14g2000yqm.googlegroups.com>
Source record: 1406

On Jan 17, 1:43 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> Bill Janssen wrote:
> > pdr...@coinet.com wrote:
> >> On Jan 15, 12:26 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>
> >>> pdr...@coinet.com wrote:
>
> >>>> On Jan 14, 6:22 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>
> >>>>> Does anybody have an old large panel meter (case inside dia of
> >>>>> 3"). The
> >>>>> meter can (should) be broken as all I need is the outside case. I
> >>>>> need
> >>>>> a bezel for a 3" CRT and a case from a broken panel meter with a 3"
> >>>>> (inside) diameter would work fine.
>
> >>>> I'll look this evening, or tomorrow. Do you want metal or plastic?
> >>>> Where are you located? I am in Oregon.
> >>>> Paul, KD7HB
>
> >>> I'm in south Florida (FTL area). I think plastic might work out better,
> >>> but if it's non-magnetic metal (brass, aluminum, etc) that should be OK
> >>> too. The ID needs to be at least 3" so the CRT will fit. Most 3"
> >>> meters are a bit smaller than that, I know they made larger ones, but
> >>> not a popular size. I don't need the movement so if that's toast so
> >>> much the better, rather than destroy a good meter. Of course if it has
> >>> a useless range like 200A DC who cares?
>
> >> Well, we are in luck, maybe. I have a meter here that is 3.000 inside
> >> the removable back plate. However, below that, the case ID is reduced
> >> to 2.910 inches, making a ledge for the back to rest on. The whole
> >> case, front and back, is a single molding. The lower 40% of the meter
> >> face is part of the molding. If you need the entire front of the scope
> >> to be viewable, the case will need to be chucked in a lathe and the
> >> front turned off. The window part of the case is glass cemented to the
> >> case.
>
> >> This meter came from an old German made wave solder machine that
> >> registered the chain speed in meters per minute. It has internal
> >> circuitry. The size is certainly Metric.
>
> >> I can send pictures if you would like. I can also try to turn off the
> >> face in a lathe, but it would be much better if you supervised the
> >> operation so you get what you want.

>
> >> I may have more meters at work, but probably none that come this close
> >> to the size you need. Will look for the box on Monday, but I think
> >> they are all smaller.
>
> >> If this works for you, just pay for postage.
>
> >> Paul, KD7HB
>
> > How about a 3 inch bezel and a 3 inch crt with socket. I have one in my
> > junk box.
>
> > Bill K7NOM (near Sacramento CA)
>
> Hey if someone has an actual CRT bezel for a 3" tube that would be nice!
> Is it a Millen or something war surplus? I don't need the tube,
> actually I have a VERY nice 3ADP1 by Dumont. It's a weird bottle, the
> front is not a cone shape but rather a cylinder that goes straight back
> for about 3" before it tapers all at once to a smaller cylinder holding
> the electron gun. The deflection plates and the second anode connect to
> pins sticking out of the tube neck. It has a standard 12 pin crt base
> (12 pin "octal"). It's a PDA type with the third anode connector in the
> usual place on the tube bulb. VERY high deflection sensitivity and
> probably good to over 100 MHZ. If anybody has ever seen the cover of
> the November/December 1975 73 magazine you know what I'm building!
>
> I also have a 3ACP1 and a Millen shield that fits it, but the 3ADP1 is a
> better tube and I don't have a way to mount it (no shield I've ever seen
> that mounts to the panel will fit this tube!).

I pulled up a PDF of the specs on the 3ADP1 and see the dia. is 3" +_
1/16, so unless you have measured the tube diameter to be exactly 3",
the meter housing will not work. The ID could be bored to 3",but not
any more. Besides, the tube may not be an exact cylinder and that is
probably why they have the +_ 1/16.

If you are familiar with the OS-8 surplus scope,that is what I have
gathering dust. It has a pull-out light shield as part of the front
bezel.

I am sure I have seen the 73 magazine issue, but that was back in
1975! Memory is not able to access a picture of the front cover.

You are welcome to the OS-8, if that will help.

73, Paul KD7HB

87. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-18 18:59:50 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001181354430.31227@darkstar.example.net>
Source record: 1407

On Mon, 18 Jan 2010, pdrahn@coinet.com wrote:

> I am sure I have seen the 73 magazine issue, but that was back in
> 1975! Memory is not able to access a picture of the front cover.
>
It was the last small issue, the second part was in the first larger size issue. It was a combined issue so they could get the larger format out before the competition, all the magazines switched over at the same time. The scope was on the cover, it kind of looked like a Tektronix 453? (it's wider than it is high), and if I recall properly, it had a built in battery so you could run it away from the power line. It was an impressive project, yet it was also limited, no really high frequency response.

John W. Campbell's solution about 15 years before in "CQ" was to do away with amplifiers and run the scope tube off a relatively low voltage, which gave them better sensitivity. Feed the signal right into the plates, you'd get a dim trace but great frequency response. He got the idea from Bell Labs.

Michael VE2BVW

88. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-18 22:33:13 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hj2nj4$8ms$1@news.eternal-september.org>
Source record: 1408

Michael Black wrote:
> On Mon, 18 Jan 2010, pdrahn@coinet.com wrote:
>
>> I am sure I have seen the 73 magazine issue, but that was back in
>> 1975! Memory is not able to access a picture of the front cover.
>>
> It was the last small issue, the second part was in the first larger
> size issue. It was a combined issue so they could get the larger format
> out before the competition, all the magazines switched over
> at the same time. The scope was on the cover, it kind of looked like a
> Tektronix 453? (it's wider than it is high), and if I recall properly, it
> had a built in battery so you could run it away from the power line. It
> was an impressive project, yet it was also limited, no really high
> frequency response.
>
> John W. Campbell's solution about 15 years before in "CQ" was to do away
> with amplifiers and run the scope tube off a relatively low voltage, which
> gave them better sensitivity. Feed the signal right into the plates,
> you'd get a dim trace but great frequency response. He got the idea
> from Bell Labs.
>
> Michael VE2BVW
>
That's the scope. It did look like a tek 465/475 series that gotten
shrunk down a bit (3" vs 5" tube). Actually the frequency response
could have been as high as 50MHz with that circuit. As described the
scope used transistors with an ft of 50MHz which got the scope to about
15-20MHz top end. The op amp used in the vertical preamp was good to
about 90MHz. I corresponded with the author on some details and was
told that he had later substituted transistors with higher ft (100MHz)
and got 45MHz out of the vertical chain with some tweaking. He
suspected it would go a bit higher by hand picking transistors / op
amps. I have some 140MHz transistors I can use and have a bunch of op
amps so I can hand pick those for best response. The 3ADP1 should in
theory go higher in frequency than the 3ACP1 (and I have two of each).

I suppose that today most would consider a 50MHz scope as not being
really HF, but that's about high enough for most work with 8 bit
microcontrollers and HF radio gear. BTW, this scope DOES run at low
voltage, +/- 600 volts on a PDA tube designed for +/- 2000. The author
suggested a mod for dual trace and I even considered this, but running
the tube at low voltage to get the deflection sensitivity and bandwidth
would make a dual trace option too dim to see well.

Today the way to build a scope is with fast A/D converters and software. Digital scopes react to oversampling in a different way than analog scopes though. Instead of rounding off square waves and showing reduced amplitude they build false waveforms due to aliasing errors. (they lie).

I suppose I'm guilty of the worlds worst case of procrastination on a project with this one!

89. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-18 22:36:27 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hj2np4$8ms$2@news.eternal-september.org>
Source record: 1409

Antonio Vernucci wrote:
>> There are a number of rigs that measure cathode current rather than
>> plate current. Depending upon the tube, screen current is only a
>> small percentage of plate current, so even a 10% change in screen
>> current may result in only in a 1 or 2% in cathode current.
> > I have one other bizarre thought - which I admit has not been given much
>> thought - suppose you fed the screen with a constant current source,
>> so that screen current would not change at resonance?
>
> That was the very initial question of my post. My concern was that
> tuning for the minimum cathode current may not be as sharp as tuning for
> the minimum plate current, because when plate current decreases the
> screen current increases (though only about 1/10 in magnitude). I am not
> feeding the screen through a resistor from the HV because I do not wish
> to add a clamp tube to avoid screen voltage rising too much in absence
> of drive. I am feeding it from a very stable low-voltage supply, so
> screen current will vary.
>
>> Also, off this subject and back to screen modulation techniques, the
>> old Radio Handbook mentions that many beam power tubes will self
>> modulate, with no additional screen audio supplied. Apparently, it
>> can vary from tube to tube. Despite that stateement, I know of many am
>> transmitters using beam plate final tubes that do have audio applied
>> to the screen, so take the statement with a grain of salt.
>
> The self-modulation method is just the one I am using. I have a 20H
> choke on the screen path, and that will (I hope so!) self-modulate the
> screen. I plan to finish work in a month from now. At that time I will
> be able to report to which extent screen self-modulation works.
>
> 73
>
> Tony I0JX
> Rome, Italy
>
Depending on the choke inductance value and the final tube you may or
may not get full 100% modulation. But it will be close enough for
government work and will sound just fine.

90. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 01:01:34 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <9909ec5d-79b6-49de-a72f-822d4080eb51@m25g2000yqc.googlegroups.com>
Source record: 1410

On Jan 18, 2:33 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> Michael Black wrote:
> > On Mon, 18 Jan 2010, pdr...@coinet.com wrote:
>
> >> I am sure I have seen the 73 magazine issue, but that was back in
> >> 1975! Memory is not able to access a picture of the front cover.
>
> > It was the last small issue, the second part was in the first larger
> > size issue. It was a combined issue so they could get the larger format
> > out before the competition, all the magazines switched over
> > at the same time. The scope was on the cover, it kind of looked like a
> > Tektronix 453? (it's wider than it is high), and if I recall properly, it
> > had a built in battery so you could run it away from the power line. It
> > was an impressive project, yet it was also limited, no really high
> > frequency response.
>
> > John W. Campbell's solution about 15 years before in "CQ" was to do away
> > with amplifiers and run the scope tube off a relatively low voltage, which
> > gave them better sensitivity. Feed the signal right into the plates,
> > you'd get a dim trace but great frequency response. He got the idea
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>
> >   Michael VE2BVW
>
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> shrunk down a bit (3" vs 5" tube). Actually the frequency response
> could have been as high as 50MHz with that circuit. As described the
> scope used transistors with an ft of 50MHz which got the scope to about
> 15-20MHz top end. The op amp used in the vertical preamp was good to
> about 90MHz. I corresponded with the author on some details and was
> told that he had later substituted transistors with higher ft (100MHz)
> and got 45MHz out of the vertical chain with some tweaking. He
> suspected it would go a bit higher by hand picking transistors / op
> amps. I have some 140MHz transistors I can use and have a bunch of op
> amps so I can hand pick those for best response. The 3ADP1 should in
> theory go higher in frequency than the 3ACP1 (and I have two of each).
>
> I suppose that today most would consider a 50MHz scope as not being
> really HF, but that's about high enough for most work with 8 bit
> microcontrollers and HF radio gear. BTW, this scope DOES run at low
> voltage, +/- 600 volts on a PDA tube designed for +/- 2000. The author
> suggested a mod for dual trace and I even considered this, but running
> the tube at low voltage to get the deflection sensitivity and bandwidth
> would make a dual trace option too dim to see well.

>
> Today the way to build a scope is with fast A/D converters and software.
>   Digital scopes react to oversampling in a different way than analog
> scopes though. Instead of rounding off square waves and showing reduced
> amplitude they build false waveforms due to aliasing errors. (they lie).
>
> I suppose I'm guilty of the worlds worst case of procrastination on a
> project with this one!

Ok, let's stop procrastinating and decide what you want to do about
the bezel for the tube! Do I put the meter back together or ship it?

Paul, KD7HB

91. BAs in the Hite collection auction

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 05:01:20 UTC
From: Ron in Radio Heaven <w4ron@carolina.rr.com>
Message-ID: <4cb9164b-d325-44d1-a5bb-9d09885218c8@c29g2000yqd.googlegroups.com>
Source record: 1411

For all you Boatanchor guys there are some really nice BAs
in the Ernie Hite collection that's going to be auctioned
at the Charlotte Antique Radio Conference coming up in March.
If you'll use this link,
http://charlottearc2010.homestead.com/Hite_Photos_Page_8.html
and scroll down toward to bottom of the page you find photos
of them, including an Al Parker restored SP-600. There's
a like there to Al's web page detailing the restoration of
this SP-600.

The show is just 65 days away.
Don't miss it.

--
73, Ron w4ron
http://radioheaven.homestead.com/menu.html
http://charlottearc2010.homestead.com/index.html

92. Re: BAs in the Hite collection auction

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 10:19:28 UTC
From: MoiInAust <user@user.com>
Message-ID: <4b558755@dnews.tpgi.com.au>
Source record: 1412

"Ron in Radio Heaven" <w4ron@carolina.rr.com> wrote in message
news:4cb9164b-d325-44d1-a5bb-9d09885218c8@c29g2000yqd.googlegroups.com...
> For all you Boatanchor guys there are some really nice BAs
> in the Ernie Hite collection that's going to be auctioned
> at the Charlotte Antique Radio Conference coming up in March.
> If you'll use this link,
> http://charlottearc2010.homestead.com/Hite_Photos_Page_8.html
> and scroll down toward to bottom of the page you find photos
> of them, including an Al Parker restored SP-600. There's
> a like there to Al's web page detailing the restoration of
> this SP-600.
>
> The show is just 65 days away.
> Don't miss it.
>
> --
> 73, Ron w4ron
> http://radioheaven.homestead.com/menu.html
> http://charlottearc2010.homestead.com/index.html

Good stuff. But one photo is obviously phony! The one with the morse key
and rats nest of wires in it has a number of patch leads with aligator
clips of very modern manufacture just dumped onto it. That photo seems to
show rubbish! The rest is lovely though...

93. Re: BAs in the Hite collection auction

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 13:53:36 UTC
From: Ron in Radio Heaven <w4ron@carolina.rr.com>
Message-ID: <31433aec-a04c-4b0e-ab52-33efeea44395@e16g2000yqc.googlegroups.com>
Source record: 1413

> Good stuff. But one photo is obviously phony! The one with the morse key > and rats nest of wires in it has a number of patch leads with aligator > clips of very modern manufacture just dumped onto it. That photo seems to > show rubbish! The rest is lovely though...

Nothing "phony" about it.
It's an early spark transmitter that Ernie was in the process of
trying to get working. The clip leads and all are just how he left
it before he died.

Ron w4ron

94. Re: BAs in the Hite collection auction

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 14:24:32 UTC
From: MoiInAust <user@user.com>
Message-ID: <4b55c0a4$1@dnews.tpgi.com.au>
Source record: 1414

"Ron in Radio Heaven" <w4ron@carolina.rr.com> wrote in message
news:31433aec-a04c-4b0e-ab52-33efeea44395@e16g2000yqc.googlegroups.com...

> Good stuff. But one photo is obviously phony! The one with the morse key >
> and rats nest of wires in it has a number of patch leads with aligator >
> clips of very modern manufacture just dumped onto it. That photo seems to
> > show rubbish! The rest is lovely though...

Nothing "phony" about it.
It's an early spark transmitter that Ernie was in the process of
trying to get working. The clip leads and all are just how he left
it before he died.

Ron w4ron

Apologies...
Alan

95. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 15:26:53 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hj4ivl$4gb$1@news.eternal-september.org>
Source record: 1415

Thanks for looking. Sounds like the meter case might be a tight fit and require more work than I thought. If a proper CRT bezel shows up that will fit I'll look at that. Meanwhile I seem to have found some scrap plastic thick enough to hold the front of the tube up if I can cut a 3" hole in it. I'll google the OS8 scope you said you had a bezel from and see if I can find a picture of it to tell if that might work.

73's WA2MZE

pdrahn@coinet.com wrote:
> On Jan 18, 2:33 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>> Michael Black wrote:
>>> On Mon, 18 Jan 2010, pdr...@coinet.com wrote:
>>>> I am sure I have seen the 73 magazine issue, but that was back in
>>>> 1975! Memory is not able to access a picture of the front cover.
>>> It was the last small issue, the second part was in the first larger
>>> size issue. It was a combined issue so they could get the larger format
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>>> had a built in battery so you could run it away from the power line. It
>>> was an impressive project, yet it was also limited, no really high
>>> frequency response.
>>> John W. Campbell's solution about 15 years before in "CQ" was to do away
>>> with amplifiers and run the scope tube off a relatively low voltage, which
>>> gave them better sensitivity. Feed the signal right into the plates,
>>> you'd get a dim trace but great frequency response. He got the idea
>>> from Bell Labs.
>>> Michael VE2BVW
>> That's the scope. It did look like a tek 465/475 series that gotten
>> shrunk down a bit (3" vs 5" tube). Actually the frequency response
>> could have been as high as 50MHz with that circuit. As described the
>> scope used transistors with an ft of 50MHz which got the scope to about
>> 15-20MHz top end. The op amp used in the vertical preamp was good to
>> about 90MHz. I corresponded with the author on some details and was
>> told that he had later substituted transistors with higher ft (100MHz)
>> and got 45MHz out of the vertical chain with some tweaking. He
>> suspected it would go a bit higher by hand picking transistors / op
>> amps. I have some 140MHz transistors I can use and have a bunch of op
>> amps so I can hand pick those for best response. The 3ADP1 should in
>> theory go higher in frequency than the 3ACP1 (and I have two of each).
>>
>> I suppose that today most would consider a 50MHz scope as not being
>> really HF, but that's about high enough for most work with 8 bit
>> microcontrollers and HF radio gear. BTW, this scope DOES run at low

>> voltage, +/- 600 volts on a PDA tube designed for +/- 2000. The author
>> suggested a mod for dual trace and I even considered this, but running
>> the tube at low voltage to get the deflection sensitivity and bandwidth
>> would make a dual trace option too dim to see well.
>>
>> Today the way to build a scope is with fast A/D converters and software.
>> Digital scopes react to oversampling in a different way than analog
>> scopes though. Instead of rounding off square waves and showing reduced
>> amplitude they build false waveforms due to aliasing errors. (they lie).
>>
>> I suppose I'm guilty of the worlds worst case of procrastination on a
>> project with this one!
>
> Ok, let's stop procrastinating and decide what you want to do about
> the bezel for the tube! Do I put the meter back together or ship it?
>
> Paul, KD7HB

96. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 15:35:27 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hj4jfokrs1@news.eternal-september.org>
Source record: 1416

What kind of tube is in that OS-8?
From this photo (http://www.stevenjohnson.com/pics/os8-02.jpg) the
shield looks like it would fit the 3ADP1 like a glove!
I don't see any connections through the neck to the plates though,
unless they are on the right side of the tube. Don't see the HV
connector to the anode either.
Maybe the scale of the photo is confusing me and that's really a 3RP1 in
there.

pdrahn@coinet.com wrote:
> On Jan 18, 2:33 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>> Michael Black wrote:
>>> On Mon, 18 Jan 2010, pdr...@coinet.com wrote:
>>>> I am sure I have seen the 73 magazine issue, but that was back in
>>>> 1975! Memory is not able to access a picture of the front cover.
>>> It was the last small issue, the second part was in the first larger
>>> size issue. It was a combined issue so they could get the larger format
>>> out before the competition, all the magazines switched over
>>> at the same time. The scope was on the cover, it kind of looked like a
>>> Tektronix 453? (it's wider than it is high), and if I recall properly, it
>>> had a built in battery so you could run it away from the power line. It
>>> was an impressive project, yet it was also limited, no really high
>>> frequency response.
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>> scope used transistors with an ft of 50MHz which got the scope to about
>> 15-20MHz top end. The op amp used in the vertical preamp was good to
>> about 90MHz. I corresponded with the author on some details and was
>> told that he had later substituted transistors with higher ft (100MHz)
>> and got 45MHz out of the vertical chain with some tweaking. He
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>> amps. I have some 140MHz transistors I can use and have a bunch of op
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>> theory go higher in frequency than the 3ACP1 (and I have two of each).
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>> microcontrollers and HF radio gear. BTW, this scope DOES run at low
>> voltage, +/- 600 volts on a PDA tube designed for +/- 2000. The author
>> suggested a mod for dual trace and I even considered this, but running
>> the tube at low voltage to get the deflection sensitivity and bandwidth
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>> Today the way to build a scope is with fast A/D converters and software.
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>> project with this one!
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> Ok, let's stop procrastinating and decide what you want to do about
> the bezel for the tube! Do I put the meter back together or ship it?
>
> Paul, KD7HB

97. Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 15:38:48 UTC
From: cullen <cullenl@aol.com>
Message-ID: <26b23c2c-b593-43b7-98ca-9583c3eb377e@o36g2000vbl.googlegroups.com>
Source record: 1417

Looking for information on Dow-Key DKC-TR tube type TR switch. I have one without documentation. I found the box it came in, no instructions.
regards, cullen K5HAL

98. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 16:55:32 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001191153550.31810@darkstar.example.net>
Source record: 1418

On Tue, 19 Jan 2010, cullen wrote:

> Looking for information on Dow-Key DKC-TR tube type TR switch. I have
> one without documentation. I found the box it came in, no
> instructions.
> regards, cullen K5HAL
>
What do you want to know? Any old Handbook is likely to have a circuit that can't be too different from a commercial product (they all have to be about the same) and describe how to hook them up.

If you're looking for historical information about the specific device, then I don't know. What's so puzzling about the unit that you need to know?

Michael VE2BVW

99. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 17:13:06 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <762e0358-dc59-4eed-90c5-5283672e5090@34g2000yqp.googlegroups.com>
Source record: 1419

On Jan 19, 7:35 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> What kind of tube is in that OS-8?
> From this photo (http://www.stevenjohnson.com/pics/os8-02.jpg) the
> shield looks like it would fit the 3ADP1 like a glove!
> I don't see any connections through the neck to the plates though,
> unless they are on the right side of the tube. Don't see the HV
> connector to the anode either.
> Maybe the scale of the photo is confusing me and that's really a 3RP1 in
> there.
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> > On Jan 18, 2:33 pm, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> >> Michael Black wrote:
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> > Ok, let's stop procrastinating and decide what you want to do about
> > the bezel for the tube! Do I put the meter back together or ship it?
>
> > Paul, KD7HB

I have the whole scope, including the base and locking cover. I will
look for it this evening and see if I can determine where the HV is
connected. Don't have a the manual.

Paul, KD7HB

100. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 20:59:11 UTC
From: Panzer240 <panzer240@hotmail.com>
Message-ID: <Xns9D05ACCB75769fw190a8@199.185.223.74>
Source record: 1420

cullen <cullenl@aol.com> wrote in news:26b23c2c-b593-43b7-98ca-9583c3eb377e@o36g2000vbl.googlegroups.com:

> Looking for information on Dow-Key DKC-TR tube type TR switch. I have
> one without documentation. I found the box it came in, no
> instructions.
> regards, cullen K5HAL

This maybe of some help:

http://www.n4mw.com/dkc-trm.pdf

--
Panzer

101. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 21:04:27 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <-6GdndQ4-6Htg8vWnZ2dnUVZ_tCdnZ2d@giganews.com>
Source record: 1421

cullen K5HAL wrote:
> Looking for information on Dow-Key DKC-TR tube type TR switch. I have
> one without documentation. I found the box it came in, no
> instructions.

Hi

I also have a DKC-TR, with no instructions.
It should be usable on 160 thru 10 meters.

The two SO-239 connectors that have continuity thru the center pins
are for antenna and TX connections (doesn't matter which is which).
The other SO-239 (at narrow end) goes to the RX.

The cable has a black lead to 6.3V, a red lead to approx 125 to 150 VDC,
and a shield to ground.

The tube used is a 6AH6 pentode.

You should include a low pass TVI filter between the TR switch
and your antenna.

The BAMA mirror site has instructions for the DowKey model TRM
TR switch, which includes general TR switch usage guidance,
but is a different design, using a dual triode tube type 12AZ7.
Keep the cable length between the TX and the TR switch as short
as possible, to avoid "suck out" effects on RX sensitivity.

Also, the TR switch should be used with a class C final, or one
which has cutoff bias applied to the finals during key-up, to avoid
increased white noise in the rcvr.

73,
Ed Knobloch

102. Re: Plate current measurement

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 21:15:32 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b5620f9$0$1108$4fafbaef@reader4.news.tin.it>
Source record: 1422

> Depending on the choke inductance value and the final tube you may or may not
> get full 100% modulation. But it will be close enough for government work and
> will sound just fine.

Let'see what will happen. By the way, also the T-368 adopts the self-modulation method. As a matter of fact the screen resistor is connected to the cold side of the modulation transformer.

73

Tony I0JX

103. FA: EIMAC SK-800B Tube Socket for 4CX1500B 8660 w Chimney

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 22:16:14 UTC
From: Ray Stone <raystoneradio@gmail.com>
Message-ID: <c32139b3-9522-4a97-8a81-4f838801f921@j19g2000yqk.googlegroups.com>
Source record: 1423

EIMAC SK-800B Tube Socket for 4CX1500B 8660 w Chimney

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=300388469353

104. FA: EIMAC 4CX1500B Power Amplifier 8660 tetrode

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 22:17:44 UTC
From: Ray Stone <raystoneradio@gmail.com>
Message-ID: <ab65f326-de39-4ee0-b2f2-75964ba5370b@a6g2000yqm.googlegroups.com>
Source record: 1424

EIMAC 4CX1500B Power Amplifier 8660 tetrode

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=300388467531

105. Re: sx-42 s meter problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-19 23:40:51 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b564308$0$1111$4fafbaef@reader4.news.tin.it>
Source record: 1425

> hi. i've got a hallicrafters sx-42 that has developed a strange s meter
> problem.the receiver works on all bands but the s meter works normaly only
> on the first 2 bands,broadcast band and band 2 (1.6 to 5 mc). when I switch to
> band 3 (5
> to 15 mc) and bands 4, 5 and 6 i hear signals but the s meter indicates zero.
> occasionally
> there will be a very slight negative indication with the needle moving below
> the zero. it
> must be getting ok avc on the first 2 bands but not on the others. does anyone
> have any
> suggestions?
> 73 ci
>

A possibility is that, due to a failure affecting the receiver circuitry somewhere, your receiver has become extremely deaf on band 3 and up, so that even the strongest signals do not move the S-meter, though they can still be heard.

The fact that the S-meter gives a very slight negative indication may not mean much, as it could just be a consequence of the same failure that makes the receiver deaf on bands 3 and up.

You must exercise your judgement to determine whether on bands 3 and up the problem is just in the fact that the S-meter does not move or that the receiver instead becomes deaf. For this purpose, you could try to tune the same station on the highest part of band 2 and in lowest part of band 3 (the two bands will surely overlap somewhat) and, without looking to the S-meter, try to determine whether the receiver sensitivity looks similar.

73

Tony I0JX
Rome, Italy

106. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-20 00:51:41 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <ffdd161a-21d0-47de-9e0d-e316b9d9587d@q4g2000yqm.googlegroups.com>
Source record: 1426

On Jan 19, 9:13 am, "pdr...@coinet.com" <co_far...@yahoo.com> wrote:
> On Jan 19, 7:35 am, Kenneth Scharf <wa2...@bellsouth.net> wrote:
>
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>
> > What kind of tube is in that OS-8?
> > From this photo (http://www.stevenjohnson.com/pics/os8-02.jpg) the
> > shield looks like it would fit the 3ADP1 like a glove!
> > I don't see any connections through the neck to the plates though,
> > unless they are on the right side of the tube. Don't see the HV
> > connector to the anode either.
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> > >>> Tektronix 453? (it's wider than it is high), and if I recall properly, it
> > >>> had a built in battery so you could run it away from the power line. It
> > >>> was an impressive project, yet it was also limited, no really high
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> > >>> John W. Campbell's solution about 15 years before in "CQ" was to do away
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> > > Ok, let's stop procrastinating and decide what you want to do about
> > > the bezel for the tube! Do I put the meter back together or ship it?
>
> > > Paul, KD7HB
>
> I have the whole scope, including the base and locking cover. I will
> look for it this evening and see if I can determine where the HV is
> connected. Don't have a the manual.
>
> Paul, KD7HB

The CRT in the OS-8 scope is a 3RP1 which has no external connections, other than the 12 pin socket. The transformer windings show an AC of 455 volts to a 1/2 wave rectifier for the CRT HV supply. Don't know if it's a voltage doubler or not. The winding is rated at 0.0005A, 1/2 a mill amp. So, I doubt if that could stand up to the required inrush current for a voltage doubler.

I plugged it in and turned it on and after waiting for the tubes to heat, found a nice trace that was easily focused to a nice thin, straight line.

So, I decided there is no reason to scrap it just for the shield and bezel. Perhaps my Great Grandson will use it! One teenage grandson that might use it is into airsoft and paintball guns!

I see a couple of full 3" shields on Ebay. One could punch a hole or two or more for external connections.

Paul, KD7HB

107. Re: Need old meter case (broken meter ok)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-20 14:30:29 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hj741tpvo1@news.eternal-september.org>
Source record: 1427

pdrahn@coinet.com wrote:
> On Jan 19, 9:13 am, "pdr...@coinet.com" <co_far...@yahoo.com> wrote:
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> two or more for external connections.
>
> Paul, KD7HB
Sounds like a nice scope. A shield for the 3RP1 wouldn't fit the 3ADP1
anyway. If nothing else there are some kits out there that will convert
a simple scope to a clock you might want to fool with.

108. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-25 14:43:05 UTC
From: cullen <cullenl@aol.com>
Message-ID: <fbde62ad-113f-42f5-ab7a-048e82aeba0d@a5g2000yqi.googlegroups.com>
Source record: 1428

On Jan 19, 4:04 pm, Edward Knobloch <al...@nowhere.net> wrote:
> cullen K5HAL wrote:
> > Looking for information on Dow-Key DKC-TR tube type TR switch. I have
> > one without documentation. I found the box it came in, no
> > instructions.

Thanks everyone. I had found most of the references. The one piece of information I did not have in hand was the wire color code. I used this for years with an HQ-150, CE-20A plus the LA-1. The sheet on the DKC-TRM did not satisfy my curiosity and my old handbooks are now in storage.
Now that I have your attention, why is the tube type TR switch no longer made or used? The idea seems great.
Regards, cullen

109. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-25 16:28:26 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001251126300.8611@darkstar.example.net>
Source record: 1429

On Mon, 25 Jan 2010, cullen wrote:

> On Jan 19, 4:04 pm, Edward Knobloch <al...@nowhere.net> wrote:
>> cullen K5HAL wrote:
>>> Looking for information on Dow-Key DKC-TR tube type TR switch. I have
>>> one without documentation. I found the box it came in, no
>>> instructions.
>
> Thanks everyone. I had found most of the references. The one piece of
> information I did not have in hand was the wire color code. I used
> this for years with an HQ-150, CE-20A plus the LA-1. The sheet on the
> DKC-TRM did not satisfy my curiosity and my old handbooks are now in
> storage.
> Now that I have your attention, why is the tube type TR switch no
> longer made or used? The idea seems great.
> Regards, cullen
>
Very few people use separate receivers and transmitters.

Few are interested in the sort of break-in that you could get
from a TR switch, they can live with relay changeover.

Transceivers sometimes use the same thing, but it's done with
semiconductors not tubes.

Michael VE2BVW

110. Anyone in Virginia with a Wireless Set No. 19

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-25 21:10:29 UTC
From: kludge@panix.com
Message-ID: <hjl1c5us1@panix2.panix.com>
Source record: 1430

Anyone around have such a radio? I have one that has been butchered and
I would really like to sit down with an operating one and compare some of
the supply wiring.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

111. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-25 21:11:35 UTC
From: kludge@panix.com
Message-ID: <hjl1e7dnd1@panix2.panix.com>
Source record: 1431

Michael Black <et472@ncf.ca> wrote:
>Very few people use separate receivers and transmitters.
>
>Few are interested in the sort of break-in that you could get
>from a TR switch, they can live with relay changeover.
>
>Transceivers sometimes use the same thing, but it's done with=20
>semiconductors not tubes.

And you can make a pretty good one for not much money using PIN diodes.
The Handbook even used to have a design.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

112. Electronic T.R. Switch caution

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-26 15:43:29 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <76Gdncur_70jkMLWnZ2dnUVZ_o2dnZ2d@giganews.com>
Source record: 1432

Some transmitters produce a strong signal into the antenna
in spot mode when an electronic TR switch is used.
I measured about 275mW out from my Ranger II on 40m in "tune" mode,
and 125mW out in "standby" "VFO Zero" position.

You might consider switching in a dummy load before VFO-swishing
the band.

73,
Ed Knobloch

113. 3 special publications fs

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-26 23:26:27 UTC
From: walt <wbelsito@juno.com>
Message-ID: <76410754-321c-4381-9491-20409cf90982@h2g2000yqj.googlegroups.com>
Source record: 1433

i have these 3 special publication for sale ;

1---" using the grid dip meter " applies to any " dipper "---$ 2

2---" history of the communications reciever "---$ 2

3---" handy sw & communications radio buyers guide "1930's to 1970's---
$ 4

let me know .

we do paypal .

thanks WALT / ex-k1rts

114. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-27 00:47:06 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001261946170.10781@darkstar.example.net>
Source record: 1434

On Tue, 26 Jan 2010, Edmund H. Ramm wrote:

> In <fbde62ad-113f-42f5-ab7a-048e82aeba0d@a5g2000yqi.googlegroups.com> cullen
<cullenl@aol.com> writes:
>
>> [...]
>> why is the tube type TR switch no longer made or used?
>
> How did you arrive at the latter conclusion? I for one use an
> E.F. Johnson T/R switch.
>
Have you been to your local ham store and looked over their selection
of T/R switches lately?

Michael VE2BVW

115. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-27 00:53:24 UTC
From: kludge@panix.com
Message-ID: <hjo2q4aqk1@panix2.panix.com>
Source record: 1435

Michael Black <et472@ncf.ca> wrote:
>On Tue, 26 Jan 2010, Edmund H. Ramm wrote:
>
>> In <fbde62ad-113f-42f5-ab7a-048e82aeba0d@a5g2000yqi.googlegroups.com> cullen
<cullenl@aol.com> writes:
>>
>>> [...]
>>> why is the tube type TR switch no longer made or used?
>>
>> How did you arrive at the latter conclusion? I for one use an
>> E.F. Johnson T/R switch.
>>
>Have you been to your local ham store and looked over their selection
>of T/R switches lately?

My local ham store doesn't have a good selection of anything other than
sealed appliance transceivers.

There are tube type TR switches made for military applications, but for
the most part they are too slow for modern signalling methods which is
why the PIN diode units are such a big deal.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

116. Buy and Sell Tube Gear!

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-27 02:47:34 UTC
From: "Jeff James, W2NBC" <w2nbc@optonline.net>
Message-ID: <4b5fa948$0$22514$607ed4bc@cv.net>
Source record: 1436

```
The Boatanchor Classifieds
---------------------------
Dedicated to Vintage Amateur Radio
http://www.dealamerica.com/deal/cgi-bin/ads/bcads.cgi
```

117. Re: 7486 Tube

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-27 10:59:31 UTC
From: romasanta <reina.raffaele@tiscali.it>
Message-ID: <05dd8b20-323b-464c-9a1e-9dbc9038482f@c29g2000yqd.googlegroups.com>
Source record: 1437

On 5 Dic 2009, 19:22, "olfart" <olfar...@excite.com> wrote:
> Am rebuilding a Watkins-Johnson RS 111 receiver and need a 7486 oscillator
> tube. Anyone have a spare they would be willing to sell??
>
> Tnx, George
> Ex W3JRG, W4DJE

hello, I have a 8 triode 7486 and 2 7077

118. Re: 7486 Tube

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-27 11:02:07 UTC
From: romasanta <reina.raffaele@tiscali.it>
Message-ID: <2fb1f866-2eb6-479b-a28e-2ad7818e787b@a22g2000yqc.googlegroups.com>
Source record: 1438

On 5 Dic 2009, 19:22, "olfart" <olfar...@excite.com> wrote:
> Am rebuilding a Watkins-Johnson RS 111 receiver and need a 7486 oscillator
> tube. Anyone have a spare they would be willing to sell??
>
> Tnx, George
> Ex W3JRG, W4DJE

i have a 8 7486 new and 2 7077

119. Re: 7486 Tube

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-27 13:49:36 UTC
From: olfart <olfart65@excite.com>
Message-ID: <7saujdFcl4U1@mid.individual.net>
Source record: 1439

"romasanta" <reina.raffaele@tiscali.it> wrote in message
news:2fb1f866-2eb6-479b-a28e-2ad7818e787b@a22g2000yqc.googlegroups.com...
On 5 Dic 2009, 19:22, "olfart" <olfar...@excite.com> wrote:
> Am rebuilding a Watkins-Johnson RS 111 receiver and need a 7486 oscillator
> tube. Anyone have a spare they would be willing to sell??
>
> Tnx, George
> Ex W3JRG, W4DJE

i have a 8 7486 new and 2 7077

Thanks...but I already found a 7486

120. Re: Dow-key DKC-TR

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-28 00:36:44 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1001271928510.12006@darkstar.example.net>
Source record: 1440

On Wed, 27 Jan 2010, Edmund H. Ramm wrote:

> In <Pine.LNX.4.64.1001261946170.10781@darkstar.example.net> Michael Black <et472@ncf.ca>
writes:
>
>> On Tue, 26 Jan 2010, Edmund H. Ramm wrote:
>
>>> In <fbde62ad-113f-42f5-ab7a-048e82aeba0d@a5g2000yqi.googlegroups.com> cullen
<cullenl@aol.com> writes:
>>>
>>>> [...]
>>>> why is the tube type TR switch no longer made or used?
>>>
>>> How did you arrive at the latter conclusion? I for one use an
>>> E.F. Johnson T/R switch.
>
>> Have you been to your local ham store and looked over their selection
>> of T/R switches lately?
>
> Have you overlooked "latter", which refers to "used"?
>
The fact that you aren't likely to find a T/R switch at your local
ham store (if you happened to still have such a local store) is
an indicator that they aren't used, because if there was demand
surely there'd be a commercial product. One would also see the lack of
separate receivers and transmitters, as I already mentioned, so one
could gather there is less reason for such a device nowadays, and even
fewer are using non-matched separates, so that S-line or the SB-line
or whatever handles the switchover.

The fact that some still use them doesn't negate his statement. Surely
it's only a relative handful, and they aren't visible enough. Enough
time has passed since they were common that many hams likely don't even
know what they are.

In the old days there were multiple reasons for using them, and they
were often simpler than the alternatives. Nowadays, other things take
care of the task, whether it's a current equivalent of the TR switch
hidden away inside that transceiver or something else, so the only
people using them are those who want to run an old type station, or
have some specific use for it.

If he'd asked somewhere else, chances are good nobody would question
his point about "nobody using them" since there is less likely to be
users except by boatanchor types, and chances are good that if posted

elsewhere someone would say "what's that?".

Michael VE2BVW

121. Hams in Haiti

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-28 15:02:09 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <3c78da97-d839-4753-8381-b5ed26c078ca@15g2000vbg.googlegroups.com>
Source record: 1441

From IEEE Spectrum magazine:

http://spectrum.ieee.org/telecom/wireless/hams-in-haiti

122. 6080 & 6AS7G, GA tubes for sale NOS and used

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-28 22:35:57 UTC
From: MarkO <bluesthecat@comcast.net>
Message-ID: <912bc72f-c3b9-4f14-abe7-5000ccd858db@l11g2000yqb.googlegroups.com>
Source record: 1442

Anyone have use for these? I have both RCA and GE NOS 6080 and 6AS7G
tubes. Probably 10 NOS 6080 and 10 used, 5 6AS7G and 3 6AS7GA all
NOS, about 10 total 6080 used and 2 6AS7G used.
$7 for the NOS ones, $5 for good used ones, or make an offer
email me directly...
thanks
Mark Oppat
moppat at comcast dot net

123. FREE Animations you can e-mail

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-29 03:17:11 UTC
From: fitz <zeusrdx@yahoo.com>
Message-ID: <091f0448-4102-4518-a73d-630ef8759324@a5g2000yqi.googlegroups.com>
Source record: 1443

FREE Animations you can e-mail

(click link):

http://www.amperefitz.com/contact.html

THOUSANDS of FREE Animations

Enjoy, 73s

Fitz (once W2YDW in 1949 & DL4MX in Germany in 1952. I watched radios get better and better and smaller and smaller over 7 decades.)

124. WTB Yaesu FT 817/ND

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-29 20:23:28 UTC
From: jure <tonkojursky@hotmail.com>
Message-ID: <cd86c4fa-aca5-4196-8789-ce10220a296e@c4g2000yqa.googlegroups.com>
Source record: 1444

In no working condition for parts .
http://picasaweb.google.com/tonkojursky

125. wtf

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-30 00:29:30 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <hjvuhaoko1@news.eternal-september.org>
Source record: 1445

ddd

126. Re: wtf

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-30 03:16:04 UTC
From: Bill M <radioexray@geeemail.com>
Message-ID: <hk089m01fsh@news3.newsguy.com>
Source record: 1446

Bill Baka wrote:
> ddd

Thats what I often post after too much time down in the cellar...

You'll be okay tomorrow.

127. Re: wtf

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-30 19:03:37 UTC
From: MoiInAust <user@user.com>
Message-ID: <4b64828a$1@dnews.tpgi.com.au>
Source record: 1447

"Bill M" <radioexray@geeemail.com> wrote in message
news:hk089m01fsh@news3.newsguy.com...
> Bill Baka wrote:
>> ddd
>
>
> Thats what I often post after too much time down in the cellar...
>
> You'll be okay tomorrow.

Or he might have been running with his AR88 again, and won't be OK for a
fortnight...

128. WTB Hallicrafters SX-28A RF Amplifier Coils

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-01-31 13:53:21 UTC
From: Hank <foglesong@montrose.net>
Message-ID: <5b2ae6bf-83dd-401e-aba2-4b1489fec493@l19g2000yqb.googlegroups.com>
Source record: 1448

I am restoring a Hallicrafters SX-28A, and need to acquire a set of RF amplifier coils for that receiver. The original ones were ruined in a previous lifetime. If you have a set of RF coils, the coil / bandswitch module, or a parts chassis containing all of the oscillator / mixer / RF coil modules, please contact me.

129. Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-01 20:52:11 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b673f00$0$1118$4fafbaef@reader2.news.tin.it>
Source record: 1449

I have just completed building a class-C AM transmitter with an 829B (two tetrodes in parallel) driven by a T-368 VFO.

The 829B bias is a fixed -33V (keeping the tube safe against lack of drive) plus the bias which develops across the grid resistor. It works fine, but I still have to adjust the grid resistor value for optimum performance

In the 829B data sheet I read a value of about 7 kohm. In my Geloso AM transmitter (single 6146) they use 12 kohm. In the T-368 (single 4-400A) they use about 23 kohm.

My practical experience is that lowering the grid resistor I always get more output power FOR THE SAME GRID CURRENT. In other words, every time I try a different resistor value I re-adjust the drive power so as to make the grid current equal to the allowable limit of 15 mA.

At the moment I ended up using just 470 ohm but, despite that value gives me good output power, I suspect that it may cause some drawbacks that I cannot presently figure out.

Does anyone have a CLEAR understanding of the trade-offs involved in selecting the grid bias resistor value? Or where I can find a practical and coincise discussion of the issue?

Thanks & 73

Tony I0JX
Rome, Italy

130. Marion Multi-ranger VTVM

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-01 23:31:13 UTC
From: sparky <sparky12x@yahoo.com>
Message-ID: <0180202b-d292-4ef7-8d4a-9b4bf6f0f893@e37g2000yqn.googlegroups.com>
Source record: 1450

Does anybody have a schematic for this meter. I inherited one and it
has several plugin probes but not instructions as to what they are.
One probe has a tube built into it.

131. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-01 23:32:46 UTC
From: Peter Dettmann <peter@aardvark.net.au>
Message-ID: <duoem5dra64u9jlp2sj716s6qu5rulkiq3@4ax.com>
Source record: 1451

On Mon, 1 Feb 2010 21:52:11 +0100, "Antonio Vernucci"
<vernucci@tin.it> wrote:

>I have just completed building a class-C AM transmitter with an 829B (two
>tetrodes in parallel) driven by a T-368 VFO.
>
>The 829B bias is a fixed -33V (keeping the tube safe against lack of drive) plus
>the bias which develops across the grid resistor. It works fine, but I still
>have to adjust the grid resistor value for optimum performance
>
>In the 829B data sheet I read a value of about 7 kohm. In my Geloso AM
>transmitter (single 6146) they use 12 kohm. In the T-368 (single 4-400A) they
>use about 23 kohm.
>
>My practical experience is that lowering the grid resistor I always get more
>output power FOR THE SAME GRID CURRENT. In other words, every time I try a
>different resistor value I re-adjust the drive power so as to make the grid
>current equal to the allowable limit of 15 mA.
>
>At the moment I ended up using just 470 ohm but, despite that value gives me
>good output power, I suspect that it may cause some drawbacks that I cannot
>presently figure out.
>
>Does anyone have a CLEAR understanding of the trade-offs involved in selecting
>the grid bias resistor value? Or where I can find a practical and coincise
>discussion of the issue?
>
>Thanks & 73
>
>Tony I0JX
>Rome, Italy

I cannot give you actual values for your set up, but basically, if you
have already provided optimum bias with your fixed bias voltage, then
you will not need to develop any more bias across a grid resistor.

peter

132. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 00:39:25 UTC
From: Tim Wescott <tim@seemywebsite.com>
Message-ID: <gImdnfoAl6ig6frWnZ2dnUVZ_qBi4p2d@web-ster.com>
Source record: 1452

On Mon, 01 Feb 2010 21:52:11 +0100, Antonio Vernucci wrote:

> I have just completed building a class-C AM transmitter with an 829B
> (two tetrodes in parallel) driven by a T-368 VFO.
>
> The 829B bias is a fixed -33V (keeping the tube safe against lack of
> drive) plus the bias which develops across the grid resistor. It works
> fine, but I still have to adjust the grid resistor value for optimum
> performance
>
> In the 829B data sheet I read a value of about 7 kohm. In my Geloso AM
> transmitter (single 6146) they use 12 kohm. In the T-368 (single 4-400A)
> they use about 23 kohm.
>
> My practical experience is that lowering the grid resistor I always get
> more output power FOR THE SAME GRID CURRENT. In other words, every time
> I try a different resistor value I re-adjust the drive power so as to
> make the grid current equal to the allowable limit of 15 mA.
>
> At the moment I ended up using just 470 ohm but, despite that value
> gives me good output power, I suspect that it may cause some drawbacks
> that I cannot presently figure out.
>
> Does anyone have a CLEAR understanding of the trade-offs involved in
> selecting the grid bias resistor value? Or where I can find a practical
> and coincise discussion of the issue?
>
> Thanks & 73
>
> Tony I0JX
> Rome, Italy

The higher the grid resistor, the higher the bias voltage that must be overcome by the drive. Hence, higher drive, more power lost in the grid resistor, and lower conduction angle.

So, too high a grid resistor and you'll need to beef up your drive stage. Plus (as mentioned), your conduction angle decreases, and your final-stage efficiency may suffer.

Get the grid resistor too low, your conduction angle will increase, and your final-stage efficiency may suffer.

Note that I say "may" -- there's an optimum conduction angle. There's handbook values for it (which I can't remember!) but I'll bet that no one amplifier works best right at the handbook value.

If you _really_ want to be scientific about it then for each grid resistance value monitor your final stage input power, the amplifier output power, and calculate the grid resistance dissipation. If nothing else, that'll help you make an informed choice.

Otherwise, if it's given, calculate the grid resistor value to get you both the desired current and the RF p-p voltage, or the rated bias voltage, whichever is listed for your tube in that service.

--
www.wescottdesign.com

133. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 03:59:33 UTC
From: COLIN LAMB <k7fm@teleport.com>
Message-ID: <ELSdnZR-o9G8PvrWnZ2dnUVZ_u-dnZ2d@earthlink.com>
Source record: 1453

Hi Tony:

My 1936 Radio Handbook gives the following information:

"Grid-leak bias is quite flexible and more or less automatically adjusts itself with any variation in RF excitation. The value of grid-leak resistor is not particularly critical because the DC grid current usually decreases as the grid-leak resistance increases, theeby keeping the product of the two more or less constant for a given amount of RF excitation. Hence, the value of the grid-leak resistance can vary from one-half to two times the optimum value, a ration of four to one, without materially affecting the negative DC bias voltages actually applied to the grid of the amplifier tube.

One of the disadvantages of grid-leak bias is that the bias voltage is proportioonal to the RF excitation, thus precluding the use in grid modulated or linear amlifiers, whose bias must be supplied from a well-regulated voltage source so that the bias voltage is independent of grid current."

So, I guess the answer is "use whatever value that makes the tube happy".

73, Colin K7FM

134. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 15:40:14 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hk9h11$e42$1@news.eternal-september.org>
Source record: 1454

COLIN LAMB wrote:
> Hi Tony:
>
> My 1936 Radio Handbook gives the following information:
>
> "Grid-leak bias is quite flexible and more or less automatically adjusts
> itself with any variation in RF excitation. The value of grid-leak resistor
> is not particularly critical because the DC grid current usually decreases
> as the grid-leak resistance increases, theeby keeping the product of the two
> more or less constant for a given amount of RF excitation. Hence, the value
> of the grid-leak resistance can vary from one-half to two times the optimum
> value, a ration of four to one, without materially affecting the negative DC
> bias voltages actually applied to the grid of the amplifier tube.
>
> One of the disadvantages of grid-leak bias is that the bias voltage is
> proportioonal to the RF excitation, thus precluding the use in grid
> modulated or linear amlifiers, whose bias must be supplied from a
> well-regulated voltage source so that the bias voltage is independent of
> grid current."
>
> So, I guess the answer is "use whatever value that makes the tube happy".
>
> 73, Colin K7FM
>
>
Actually the value of the grid leak bias resistor used in a class C
amplifier is going to be a function of the available peak RF voltage
being supplied by the driver stage, and the required grid drive / bias
voltage of the final. The maximum allowed grid current rating of the
final tube must not be exceeded either. If you look at some classical
ham transmitter circuits the grid resistor value varied quite a bit.
For the 807 tube a typical value was 15k (as recommended by RCA) but
where drive current was limited (such as on ten meters driven by a
quadrupler from 40) a 22k or higher value was common.

135. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 18:29:49 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b686f22$0$826$4fafbaef@reader5.news.tin.it>
Source record: 1455

> I cannot give you actual values for your set up, but basically, if you
> have already provided optimum bias with your fixed bias voltage, then
> you will not need to develop any more bias across a grid resistor.
>
> peter

My fixed bias is set for an idling plate current of 10 mA. The only criterion behind that bias setting was to keep the final tube safe. So, it may not be optimum with regard to the final stage efficiency.

On the contrary, it is surely not optimum because, without extra bias, the tube operates class B. More bias is needed (produced by the grid resistor) to have the tube operating class C.

73

Tony I0JX

136. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 19:05:19 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <a67f660e-5d78-40d5-8add-82c7989c1148@36g2000yqu.googlegroups.com>
Source record: 1456

On Feb 2, 6:29 pm, "Antonio Vernucci" <vernu...@tin.it> wrote:
> > I cannot give you actual values for your set up, but basically, if you
> > have already provided optimum bias with your fixed bias voltage, then
> > you will not need to develop any more bias across a grid resistor.
>
> > peter
>
> My fixed bias is set for an idling plate current of 10 mA. The only criterion
> behind that bias setting was to keep the final tube safe. So, it may not be
> optimum with regard to the final stage efficiency.
>
> On the contrary, it is surely not optimum because, without extra bias, the tube
> operates class B. More bias is needed (produced by the grid resistor) to have
> the tube operating class C.
>
> 73
>
> Tony I0JX

With a fixed bias supply , do you really need a grid resistor as
such ? how is the -Ve bias reaching the grid ? ....with the
cathode earthed .. the fixed bias is 'required' .. I would think for
a given drive level ... increasing the -Ve grid bias would reduce
the conduction angle and slide the stage from class b to c as
the peak drive level would need to overcome the bias to allow
the grid to conduct .. thus the conduction angle is reduced ?

G ..

137. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 19:13:17 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <5c181327-ae1d-4588-a665-a3aa12a314ed@g1g2000yqi.googlegroups.com>
Source record: 1457

On Feb 2, 7:05 pm, Graham <g0...@hotmail.com> wrote:
> On Feb 2, 6:29 pm, "Antonio Vernucci" <vernu...@tin.it> wrote:
>
>
>
>
>
> > > I cannot give you actual values for your set up, but basically, if you
> > > have already provided optimum bias with your fixed bias voltage, then
> > > you will not need to develop any more bias across a grid resistor.
>
> > > peter
>
> > My fixed bias is set for an idling plate current of 10 mA. The only criterion
> > behind that bias setting was to keep the final tube safe. So, it may not be
> > optimum with regard to the final stage efficiency.
>
> > On the contrary, it is surely not optimum because, without extra bias, the tube
> > operates class B. More bias is needed (produced by the grid resistor) to have
> > the tube operating class C.
>
> > 73
>
> > Tony I0JX
>
> With a fixed bias supply , do you really need a grid resistor as
> such ? how is the -Ve bias reaching the grid ? ....with the
> cathode earthed .. the fixed bias is 'required' .. I would think for
> a given drive level ... increasing the -Ve grid bias would reduce
> the conduction angle and slide the stage from class b to c as
> the peak drive level would need to overcome the bias to allow
> the grid to conduct .. thus the conduction angle is reduced ?
>
> G ..- Hide quoted text -
>
> - Show quoted text -

The original data has guide lines on the vlaves use in class C
telephony .....

http://www.r-type.org/pdfs/829b.pdf

G ..

138. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 19:44:58 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6880c0$0$1122$4fafbaef@reader3.news.tin.it>
Source record: 1458

> With a fixed bias supply , do you really need a grid resistor as
> such ?

Yes, because the fixed bias I have chosen causes the tube to operate in class B, whilst I wish it to operate in class C.

how is the -Ve bias reaching the grid ? ....with the
> cathode earthed .. the fixed bias is 'required' .. I would think for
> a given drive level ... increasing the -Ve grid bias would reduce
> the conduction angle and slide the stage from class b to c as
> the peak drive level would need to overcome the bias to allow
> the grid to conduct .. thus the conduction angle is reduced ?
>
> G ..- Hide quoted text -
>
> - Show quoted text -

I agree with your statements but they do not help me much with regard to my original doubts

The original data has guide lines on the vlaves use in class C telephony .....

http://www.r-type.org/pdfs/829b.pdf

I have several data sheets for the 828B of various manufacturers but with the grid resistor value they specify I obtain less output power than with a lower resistance value

73

Tony I0JX

G ..

139. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 20:40:52 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b688dd9$0$1128$4fafbaef@reader3.news.tin.it>
Source record: 1459

> The higher the grid resistor, the higher the bias voltage that must be
> overcome by the drive. Hence, higher drive, more power lost in the grid
> resistor, and lower conduction angle.
>
> So, too high a grid resistor and you'll need to beef up your drive
> stage. Plus (as mentioned), your conduction angle decreases, and your
> final-stage efficiency may suffer.
>
> Get the grid resistor too low, your conduction angle will increase, and
> your final-stage efficiency may suffer.
>
> Note that I say "may" -- there's an optimum conduction angle. There's
> handbook values for it (which I can't remember!) but I'll bet that no one
> amplifier works best right at the handbook value.
>
> If you _really_ want to be scientific about it then for each grid
> resistance value monitor your final stage input power, the amplifier
> output power, and calculate the grid resistance dissipation. If nothing
> else, that'll help you make an informed choice.
>
> Otherwise, if it's given, calculate the grid resistor value to get you
> both the desired current and the RF p-p voltage, or the rated bias
> voltage, whichever is listed for your tube in that service.
>
> --
> www.wescottdesign.com

Thanks for your comments. I agree that there should be an optimum grid resistance value (even if rather dull), but in my case the optimum occurs at zero grid resistance.

Let me report you some tests I have made, increasing the grid resistance in steps (starting from R=0) and then re-adjusting the drive power each time (and also re-optimizing the Pi-network controls):

- increasing the grid resistance and then adjusting the drive power so as to keep the GRID current constant, the plate current - and hence the output power - decreases. Therefore, to obtain maximum output power, the grid resistance must be zero

- conversely, increasing the grid resistance and then adjusting the drive power so as to keep the PLATE current constant, the output power remains about the same for a quite wide range of grid resistance values (except when resistance becomes very high). It should be noted that, increasing the grid resistance at constant plate current, the grid current increases significantly, to the extent

that, for fairly high grid resistance values, the grid current gets beyond the allowable limit.

In conclusion, it looks like the final stage operates best at zero grid resistance:

- no efficiency loss
- minimum grid current for a given ouptut power.

In such conditions, the tube operates in class B (the fixed -33V bias causes an idling plate current of about 10 mA), with a circulation angle of more than 180 degrees. Increasing the grid resistor causes a reduction of the circulation angle, with no practical benefit and some drawbacks.

Where has the class-C efficiency advantage gone?

73

Tony I0JX

140. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-02 20:45:18 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b688ee3$0$1126$4fafbaef@reader3.news.tin.it>
Source record: 1460

"Kenneth Scharf" <wa2mze@bellsouth.net> ha scritto nel messaggio
news:hk9h11$e42$1@news.eternal-september.org...
> COLIN LAMB wrote:
>> Hi Tony:
>>
>> My 1936 Radio Handbook gives the following information:
>>
>> "Grid-leak bias is quite flexible and more or less automatically adjusts
>> itself with any variation in RF excitation. The value of grid-leak resistor
>> is not particularly critical because the DC grid current usually decreases as
>> the grid-leak resistance increases, theeby keeping the product of the two
>> more or less constant for a given amount of RF excitation. Hence, the value
>> of the grid-leak resistance can vary from one-half to two times the optimum
>> value, a ration of four to one, without materially affecting the negative DC
>> bias voltages actually applied to the grid of the amplifier tube.
>>
>> One of the disadvantages of grid-leak bias is that the bias voltage is
>> proportioonal to the RF excitation, thus precluding the use in grid modulated
>> or linear amlifiers, whose bias must be supplied from a well-regulated
>> voltage source so that the bias voltage is independent of grid current."
>>
>> So, I guess the answer is "use whatever value that makes the tube happy".
>>
>> 73, Colin K7FM
> Actually the value of the grid leak bias resistor used in a class C amplifier
> is going to be a function of the available peak RF voltage being supplied by
> the driver stage, and the required grid drive / bias voltage of the final.
> The maximum allowed grid current rating of the final tube must not be exceeded
> either. If you look at some classical ham transmitter circuits the grid
> resistor value varied quite a bit. For the 807 tube a typical value was 15k
> (as recommended by RCA) but where drive current was limited (such as on ten
> meters driven by a quadrupler from 40) a 22k or higher value was common.

Thanks both for the quote and the comments.

73

Tony I0JX

141. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-03 17:54:54 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hkcd9k$1gh$1@news.eternal-september.org>
Source record: 1461

Antonio Vernucci wrote:
>
>> The higher the grid resistor, the higher the bias voltage that must be
>> overcome by the drive. Hence, higher drive, more power lost in the grid
>> resistor, and lower conduction angle.
>>
>> So, too high a grid resistor and you'll need to beef up your drive
>> stage. Plus (as mentioned), your conduction angle decreases, and your
>> final-stage efficiency may suffer.
>>
>> Get the grid resistor too low, your conduction angle will increase, and
>> your final-stage efficiency may suffer.
>>
>> Note that I say "may" -- there's an optimum conduction angle. There's
>> handbook values for it (which I can't remember!) but I'll bet that no one
>> amplifier works best right at the handbook value.
>>
>> If you _really_ want to be scientific about it then for each grid
>> resistance value monitor your final stage input power, the amplifier
>> output power, and calculate the grid resistance dissipation. If nothing
>> else, that'll help you make an informed choice.
>>
>> Otherwise, if it's given, calculate the grid resistor value to get you
>> both the desired current and the RF p-p voltage, or the rated bias
>> voltage, whichever is listed for your tube in that service.
>>
>> --
>> www.wescottdesign.com
>
> Thanks for your comments. I agree that there should be an optimum grid
> resistance value (even if rather dull), but in my case the optimum
> occurs at zero grid resistance.
>
> Let me report you some tests I have made, increasing the grid resistance
> in steps (starting from R=0) and then re-adjusting the drive power each
> time (and also re-optimizing the Pi-network controls):
>
> - increasing the grid resistance and then adjusting the drive power so
> as to keep the GRID current constant, the plate current - and hence the
> output power - decreases. Therefore, to obtain maximum output power, the
> grid resistance must be zero
>
> - conversely, increasing the grid resistance and then adjusting the
> drive power so as to keep the PLATE current constant, the output power

> remains about the same for a quite wide range of grid resistance values
> (except when resistance becomes very high). It should be noted that,
> increasing the grid resistance at constant plate current, the grid
> current increases significantly, to the extent that, for fairly high
> grid resistance values, the grid current gets beyond the allowable limit.
>
> In conclusion, it looks like the final stage operates best at zero grid
> resistance:
>
> - no efficiency loss
> - minimum grid current for a given ouptut power.
>
> In such conditions, the tube operates in class B (the fixed -33V bias
> causes an idling plate current of about 10 mA), with a circulation angle
> of more than 180 degrees. Increasing the grid resistor causes a
> reduction of the circulation angle, with no practical benefit and some
> drawbacks.
>
> Where has the class-C efficiency advantage gone?
>
> 73
>
> Tony I0JX
>
The advantage of class C isn't necessary greater efficiency. By reducing the conduction angle the tube is drawing current for a short period of time and therefor can run cooler. It also means that the tube can be run at a bit higher power level than it could in class B since the AVERAGE power dissipated is the same. HOWEVER the duty cycle of both the time transmitting vs not transmitting and that of the signal also play a role. In other words a class C CW transmitter in theory could be run at higher power than a class C FM phone transmitter (even though both are usually run at the same typical parameters) since the tube can cool between elements on CW, while FM is key down forever. Also class B audio has a different duty cycle than a class B RF linear amplifier running FM (don't need to be linear for FM 'thou).

In the 30's there was an article in QST on how someone ran a 200 watt tube at a KW CW. It worked because of CW's short duty cycle, but the editor suspected 'short dashes'.

142. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-03 23:46:14 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <b7647f19-f5f7-4d31-84c0-e6e0c2441729@n7g2000yqb.googlegroups.com>
Source record: 1462

On 3 Feb, 17:54, Kenneth Scharf <wa2...@bellsouth.net> wrote:
> Antonio Vernucci wrote:
>
> >> The higher the grid resistor, the higher the bias voltage that must be
> >> overcome by the drive. Hence, higher drive, more power lost in the grid
> >> resistor, and lower conduction angle.
>
> >> So, too high a grid resistor and you'll need to beef up your drive
> >> stage. Plus (as mentioned), your conduction angle decreases, and your
> >> final-stage efficiency may suffer.
>
> >> Get the grid resistor too low, your conduction angle will increase, and
> >> your final-stage efficiency may suffer.
>
> >> Note that I say "may" -- there's an optimum conduction angle. There's
> >> handbook values for it (which I can't remember!) but I'll bet that no one
> >> amplifier works best right at the handbook value.
>
> >> If you _really_ want to be scientific about it then for each grid
> >> resistance value monitor your final stage input power, the amplifier
> >> output power, and calculate the grid resistance dissipation. If nothing
> >> else, that'll help you make an informed choice.
>
> >> Otherwise, if it's given, calculate the grid resistor value to get you
> >> both the desired current and the RF p-p voltage, or the rated bias
> >> voltage, whichever is listed for your tube in that service.
>
> >> --
> >>www.wescottdesign.com
>
> > Thanks for your comments. I agree that there should be an optimum grid
> > resistance value (even if rather dull), but in my case the optimum
> > occurs at zero grid resistance.
>
> > Let me report you some tests I have made, increasing the grid resistance
> > in steps (starting from R=0) and then re-adjusting the drive power each
> > time (and also re-optimizing the Pi-network controls):
>
> > - increasing the grid resistance and then adjusting the drive power so
> > as to keep the GRID current constant, the plate current - and hence the
> > output power - decreases. Therefore, to obtain maximum output power, the
> > grid resistance must be zero
>
> > - conversely, increasing the grid resistance and then adjusting the

> > drive power so as to keep the PLATE current constant, the output power
> > remains about the same for a quite wide range of grid resistance values
> > (except when resistance becomes very high). It should be noted that,
> > increasing the grid resistance at constant plate current, the grid
> > current increases significantly, to the extent that, for fairly high
> > grid resistance values, the grid current gets beyond the allowable limit.
>
> > In conclusion, it looks like the final stage operates best at zero grid
> > resistance:
>
> > - no efficiency loss
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>
> > In such conditions, the tube operates in class B (the fixed -33V bias
> > causes an idling plate current of about 10 mA), with a circulation angle
> > of more than 180 degrees. Increasing the grid resistor causes a
> > reduction of the circulation angle, with no practical benefit and some
> > drawbacks.
>
> > Where has the class-C efficiency advantage gone?
>
> > 73
>
> > Tony I0JX
>
> The advantage of class C isn't necessary greater efficiency. By
> reducing the conduction angle the tube is drawing current for a short
> period of time and therefor can run cooler. It also means that the tube
> can be run at a bit higher power level than it could in class B since
> the AVERAGE power dissipated is the same. HOWEVER the duty cycle of
> both the time transmitting vs not transmitting and that of the signal
> also play a role. In other words a class C CW transmitter in theory
> could be run at higher power than a class C FM phone transmitter (even
> though both are usually run at the same typical parameters) since the
> tube can cool between elements on CW, while FM is key down forever.
> Also class B audio has a different duty cycle than a class B RF linear
> amplifier running FM (don't need to be linear for FM 'thou).
>
> In the 30's there was an article in QST on how someone ran a 200 watt
> tube at a KW CW. It worked because of CW's short duty cycle, but the
> editor suspected 'short dashes'.

Im still confused as to the role the grid resistor is playing in
the amplifier, if the bias is generated by a power-supply , then any
change to the psu output voltage would be resisted by the psu ...
assuming the feed is via a choke ?
where is the grid resistor .. from the grid to real earth ..or
in series with the power supply ??

Convention was to feed via a low value resistor / rfc or both
with a medium value bleed to earth in the 1 K range

Liner service then requiring the psu to resist voltage
fluctuation under drive variation and as such required a low Z path
to the valve and the ability to dissipate voltage .ie gas
discharge tube or dc feed back loop ... zener diode

I have the feeling this is a driver / pa grid matching problem ?

G ..

143. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-04 16:58:44 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6afcc9$0$1122$4fafbaef@reader2.news.tin.it>
Source record: 1463

> The advantage of class C isn't necessary greater efficiency. By reducing the
> conduction angle the tube is drawing current for a short period of time and
> therefor can run cooler. It also means that the tube can be run at a bit
> higher power level than it could in class B since the AVERAGE power dissipated
> is the same.

I cannot quite follow your reasoning. The tube temperature is bound to the dissipated power. And the dissipated power simply is the difference between the average DC power and the RF output power (neglecting losses in the Pi network). So, if varying the signal duty cycles and tube conduction angle, I anyway read the same output power and the same DC power, the stage efficiency is the same.

> HOWEVER the duty cycle of both the time transmitting vs not transmitting and
> that of the signal also play a role. In other words a class C CW transmitter
> in theory could be run at higher power than a class C FM phone transmitter
> (even though both are usually run at the same typical parameters) since the
> tube can cool between elements on CW, while FM is key down forever. Also class
> B audio has a different duty cycle than a class B RF linear amplifier running
> FM (don't need to be linear for FM 'thou).
>
> In the 30's there was an article in QST on how someone ran a 200 watt tube at
> a KW CW. It worked because of CW's short duty cycle, but the editor suspected
> 'short dashes'.

That's OK.

73

Tony I0JX

144. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-04 17:13:00 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6b0021$0$1114$4fafbaef@reader2.news.tin.it>
Source record: 1464

Im still confused as to the role the grid resistor is playing in
the amplifier, if the bias is generated by a power-supply , then any
change to the psu output voltage would be resisted by the psu ...
assuming the feed is via a choke ?

Yes, the bias supply is a zener-stabilized -33V supply. I have verified that the supply voltage stays constant independently of grid current.

where is the grid resistor .. from the grid to real earth ..or
in series with the power supply ??

The grid resistor (and a low-resistance RF choke) are both in series with the bias supply. So, for zero grid current (no excitation), the grid bias is just -33V (so keeping plate current at about 10 mA). When I apply RF drive, the bias grows up (sum of -33V and the voltage that develops across the grid resistor), so pushing the tube into class-C operation

Convention was to feed via a low value resistor / rfc or both
with a medium value bleed to earth in the 1 K range

To obtain a total of -50V @ 12 mA grid current (class-C operating conditions recommended by the tube manufacturer), a grid resistance of about 1,400 ohm is needed (33 + 0.012 * 1400).

Liner service then requiring the psu to resist voltage
fluctuation under drive variation and as such required a low Z path
to the valve and the ability to dissipate voltage .ie gas
discharge tube or dc feed back loop ... zener diode

I have the feeling this is a driver / pa grid matching problem ?

As I mentioned above the bias supply resists to grid current and its voltage is perfectly stable.

73

Tony I0JX

145. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-04 17:18:50 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6b017f$0$1114$4fafbaef@reader2.news.tin.it>
Source record: 1465

> Grid leak resistance isn't only some discrete resistor, there's
> also your bias supply to be considered. Is your bias supply able to
> sink current, or does its output voltage rise with grid current?

The bias supply is a zener-stabilized -33V supply. I have verified that the supply voltage stays constant independently of grid current. So the effective grid resistance coincides with the grid resistor.

>
>> [...]
>> Where has the class-C efficiency advantage gone?
>
> There was a rule of thumb for optimum anode efficiency, which went
> along the lines of "when the anode voltage at its lowest swing equals
> the control grid voltage" IIRC.

Thanks for tip, though not immediate to measure.

73

Tony I0JX

146. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-04 21:30:29 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hkfe9uvit1@news.eternal-september.org>
Source record: 1466

Antonio Vernucci wrote:
>> The advantage of class C isn't necessary greater efficiency. By
>> reducing the conduction angle the tube is drawing current for a short
>> period of time and therefor can run cooler. It also means that the
>> tube can be run at a bit higher power level than it could in class B
>> since the AVERAGE power dissipated is the same.
>
> I cannot quite follow your reasoning. The tube temperature is bound to
> the dissipated power. And the dissipated power simply is the difference
> between the average DC power and the RF output power (neglecting losses
> in the Pi network). So, if varying the signal duty cycles and tube
> conduction angle, I anyway read the same output power and the same DC
> power, the stage efficiency is the same.
>
Tubes don't self destruct in an instant when they are asked to dissipate
more than their max rated power. So long as the AVERAGE dissipated
power over time does not exceed the max rating things are safe. The
duty cycle will change the average power dissipation. Also the
temperature isn't bound instantly to the instantaneous power dissipation
due the the tubes' thermal mass.

>> HOWEVER the duty cycle of both the time transmitting vs not
>> transmitting and that of the signal also play a role. In other words
>> a class C CW transmitter in theory could be run at higher power than a
>> class C FM phone transmitter (even though both are usually run at the
>> same typical parameters) since the tube can cool between elements on
>> CW, while FM is key down forever. Also class B audio has a different
>> duty cycle than a class B RF linear amplifier running FM (don't need
>> to be linear for FM 'thou).
>>
>> In the 30's there was an article in QST on how someone ran a 200 watt
>> tube at a KW CW. It worked because of CW's short duty cycle, but the
>> editor suspected 'short dashes'.
>
> That's OK.
>
> 73
>
> Tony I0JX

147. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-06 00:12:00 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6cb3d5$0$823$4fafbaef@reader5.news.tin.it>
Source record: 1467

> In this case the grid resistor, connected between the rf-bypassed
> negative port of the bias supply and the cold end of the grid choke has
> to provide the difference between the protective bias (above mentioned
> -33V) and the class C bias specified in the valve data sheet. Simple
> Ohm's law can be applied. If the grid current is say 2mA and the desired
> grid bias is -63V, i.e. a difference of 30V, the control grid resistor
> needs to have 15kOhm.
>
> 73, Eddi ._._.

Yes, Ohm's law is OK, but the my issue was that whatever "desired grid bias" I take, the final stage efficiency does not change, So, changing the grid resistor makes almost no difference, whilst I would have expected that biasing the tube in the class-C region would yield more RF power that when it operates in class B (i.e. with grid resistor = 0 ohm)

73

Tony I0JX

148. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-06 12:36:44 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <d2c3bb5a-be99-41a4-80e1-3fcee07c4a5e@s12g2000yqj.googlegroups.com>
Source record: 1468

On Feb 6, 12:12 am, "Antonio Vernucci" <vernu...@tin.it> wrote:
> > In this case the grid resistor, connected between the rf-bypassed
> > negative port of the bias supply and the cold end of the grid choke has
> > to provide the difference between the protective bias (above mentioned
> > -33V) and the class C bias specified in the valve data sheet. Simple
> > Ohm's law can be applied. If the grid current is say 2mA and the desired
> > grid bias is -63V, i.e. a difference of 30V, the control grid resistor
> > needs to have 15kOhm.
>
> > 73, Eddi ._._.
>
> Yes, Ohm's law is OK, but the my issue was that whatever "desired grid bias" I
> take, the final stage efficiency does not change, So, changing the grid resistor
> makes almost no difference, whilst I would have expected that biasing the tube
> in the class-C region would yield more RF power that when it operates in class B
> (i.e. with grid resistor = 0 ohm)
>
> 73
>
> Tony I0J

My practical experience is that lowering the grid resistor I always
get more
output power FOR THE SAME GRID CURRENT.

So ... how do you know its the same ...if you use a meter ..
then the shape factor of the grid pulse will change the meter
reading .. wider pulse lower peak will still give the same
reading ?

need to check the waveform .. not easey .. simple way is to
forget the resistor and provide a variable bias psu . and inject
via a low ohm rf-choke ... and add some link to the bias voltage
and the pa plate supply ..no bias no supply .. simple relay ?

149. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-06 14:41:57 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6d7fba$0$1126$4fafbaef@reader3.news.tin.it>
Source record: 1469

My practical experience is that lowering the grid resistor I always
get more
output power FOR THE SAME GRID CURRENT.

Same experience here.

So ... how do you know its the same ...if you use a meter ..
then the shape factor of the grid pulse will change the meter
reading .. wider pulse lower peak will still give the same
reading ?

need to check the waveform .. not easey .. simple way is to
forget the resistor and provide a variable bias psu . and inject
via a low ohm rf-choke ... and add some link to the bias voltage
and the pa plate supply ..no bias no supply .. simple relay ?

What is commonly called "grid current" is not the instantaneous grid current,
but its average value (i,e, its DC component). So, when one measures the grid
current using a DC meter, he has not to worry about the actual current waveform.

73

Tony I0JX

150. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-06 16:38:28 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6d9b09$0$816$4fafbaef@reader5.news.tin.it>
Source record: 1470

>> the my issue was that whatever "desired grid bias" I take, the final stage
>> efficiency does not change, So, changing the grid resistor makes almost no
>> difference, whilst I would have expected that biasing the tube in the
>> class-C region would yield more RF power that when it operates in class B
>> (i.e. with grid resistor = 0 ohm)
>
> Output power will not rise for a given anode voltage and a given
> excitation (drive). But with a reduced conduction angle the anode input
> power will be less. On the other hand you'll need more drive to arrive
> at the same anode currrent. But drive power doesn't enter the anode
> efficiency calculation, which is rf output power divided by dc anode
> input power (the quotient obtained thus multiplied by 100 if you want
> it in percent).
>

I try to explain me better. When I change the grid resistor, I see no chage in the ratio between RF output power and DC input power, this meaning that efficiency does not change, I would have exprrcted that, going class-C, I would have got a higher efficiency (more RF power, or lower DC power, or both).

73

Tony I0JX

151. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-07 10:37:19 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b6e97e4$0$1126$4fafbaef@reader3.news.tin.it>
Source record: 1471

>> When I change the grid resistor, I see no chage in the ratio between
>> RF output power and DC input power, this meaning that efficiency
>> does not change, I would have exprrcted that, going class-C, I would
>> have got a higher efficiency (more RF power, or lower DC power, or both).
>
> So would I. How do you feed the 829B's screen grid?

The screen grid is fed by a dedicated 200V supply, which is very stable (within
the screen current excursion).

73

Tony I0JX

152. Re: Class-C stage grid resistor

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-07 13:02:14 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <3fd64631-a74e-4459-adb2-d6bdde73651f@j31g2000yqa.googlegroups.com>
Source record: 1472

On Feb 6, 9:10 pm, ehr...@dk3uz.ampr.org (Edmund H. Ramm) wrote:
> In <4b6d9b09$0$816$4fafb...@reader5.news.tin.it> "Antonio Vernucci" <vernu...@tin.it>
writes:
>
> > [...]
> > When I change the grid resistor, I see no chage in the ratio between
> > RF output power and DC input power, this meaning that efficiency
> > does not change, I would have exprrcted that, going class-C, I would
> > have got a higher efficiency (more RF power, or lower DC power, or both).
>
> So would I. How do you feed the 829B's screen grid?
>
> 73, Eddi ._._.
> --
> e-mail: dk3uz AT arrl DOT net | AMPRNET: dk...@db0hht.ampr.org
> If replying to a Usenet article, please use above e-mail address.
> Linux/m68k, the best U**x ever to hit an Atari!

Your not supposed to ask questions like that Eddi !

My point with the grid supply wave form , is that the point of
conduction is set by the voltage .. so depending on th voltage the
sinusodial drive waveform will redue to a pulse train .same peak ..
but lower average ... I think there is some form of operation in
the 'negative' region .. now if the screen is dropper fed, then
its floating and may be subject to secondary emission .. so the
working point of the valve is moving ... may be not if the screen
is stabllised .. but if so . would than not affect the am mode ?

G ..

153. SMX-52AC

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-07 23:12:48 UTC
From: lou <louis717@gmail.com>
Message-ID: <bf46f15e-ad35-4f99-83cb-00173ffd30f5@x9g2000vbo.googlegroups.com>
Source record: 1473

hi
anyone have info about a monarch tube stereo? SMX-52AC.

was monarch similar to other japanese companies such as pioneer?

thanks
louis
Lou707@msn.com

154. Re: SMX-52AC

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-08 14:36:16 UTC
From: kludge@panix.com
Message-ID: <hkp7h0$7fd$1@panix2.panix.com>
Source record: 1474

lou <louis717@gmail.com> wrote:
>hi
>anyone have info about a monarch tube stereo? SMX-52AC.

You might do better to ask in rec.antiques.radio+phono.

>was monarch similar to other japanese companies such as pioneer?

Monarch was an actual manufacturing company in Japan, and a lot of their equipment was sold in the US under various house brands. They were smaller than the big guys, but they started in the big Japanese electronics boom in the early sixties and lasted at least until the late 1970s.

They didn't made a lot of different receiver models but they made some guitar amps and pedals as well. I don't know your model, but their tube receivers were typical Lafayette-grade equipment... undersized output transformers and undersized power supplies.

There may be a Sam's on your unit. Sam's listed some of the Monarch stuff. That's the first place I would look.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

155. Help Need Manuals for Meissner Calibrator and HP-312

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-09 04:43:49 UTC
From: Jim <k0jkj@arrl.net>
Message-ID: <758b898d-755d-4f26-b2e9-fbe02b449cc1@s36g2000prf.googlegroups.com>
Source record: 1475

I guess this weekends Aurora Repeater Association Hamfest in Brighton Co was a success for me. I brought home a few items. I didn't find the tubes I was looking for, but did find a 7094 at a fair price even if it is dead.

But the two big items needed work. One, A Meissner 9-1076 Calibrator, (100 kc frequency standard), had been mostly recapped, it just needed new filter caps. Unfortunately neither it nor the HP-312 Frequency Selective Voltmeter (a DC to 18 Mhz receiver with a highly accurate signal strength meter) work. As usual neither came with a manual.

They both are boatanchors. The Meissner Calibrator in age and the HP-312 in weight.

I am in need of manuals for both. That Surplus dealer in Nebraska has a manual, but it costs more than twice what the calibrator cost me and the HP-312 isn't even on the Agilent site or any other I could find.

So I am asking for help. Does anyone have either of these manuals? I'd like to scan the HP-312 manual and send it to the Agilent old manual site for others to use as well as use it myself.

156. Re: Help Need Manuals for Meissner Calibrator and HP-312

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-09 12:39:55 UTC
From: "Dale H. Cook" <bridgewaterma_remove_@plymouthcolony.net>
Message-ID: <tcl2n5drsr1f2nojine88thhdc5elkqm5h@4ax.com>
Source record: 1476

On Mon, 8 Feb 2010 20:43:49 -0800 (PST), Jim wrote:

>HP-312 Frequency Selective Voltmeter

312-what? The letter suffix is often needed for HP equipment. Is it a
312A, B, C or D? Also, the serial number is often needed to provide
the correct manual (or change sheets) for a particular instrument.

I have a scan of the 312B/D manual for serials above 312-B-1534A00401
and 312-D-1523A00101, including changes for later serials.

Dale H. Cook, Chief Engineer, Centennial Broadcasting,
Roanoke/Lynchburg, VA - WZZU / WZZI / WLNI / WVMP
http://plymouthcolony.net/starcity/starcity.html

157. Stark 10-44 Tube Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-09 20:55:12 UTC
From: sparky <sparky12x@yahoo.com>
Message-ID: <b0350ce8-7a36-4be8-aa17-609469af588d@q27g2000yqn.googlegroups.com>
Source record: 1477

Does anybody have a schematic for this tube tester. It cam with a manual which did not contain a schematic.

158. Re: Help Need Manuals for Meissner Calibrator and HP-312

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-10 03:35:54 UTC
From: Jim <k0jkj@arrl.net>
Message-ID: <0c004231-1a71-43c0-9fad-3a7db6e11e12@q2g2000pre.googlegroups.com>
Source record: 1478

On Feb 9, 5:39 am, Dale H. Cook
<bridgewaterma_remo...@plymouthcolony.net> wrote:
> On Mon, 8 Feb 2010 20:43:49 -0800 (PST), Jim wrote:
> >HP-312 Frequency Selective Voltmeter
>
> 312-what? The letter suffix is often needed for HP equipment. Is it a
> 312A, B, C or D? Also, the serial number is often needed to provide
> the correct manual (or change sheets) for a particular instrument.
>
>
> Dale H. Cook, Chief Engineer, Centennial Broadcasting,
> Roanoke/Lynchburg, VA - WZZU / WZZI / WLNI /
WVMPhttp://plymouthcolony.net/starcity/starcity.html

Well, a deep subject, and so is this unit. The Front panel says 312A
but the missing (never installed)serial number plate may have implied
something different. That coupled with the unlabeled external 1 Mhz
reference connector and reference selector switch, on the rear panel,
the never installed input probe and left hand input BNC connector, and
the LED display suggests that what I have is an engineering prototype.
The 312 series was apparently designed and built in the HP Loveland
plant, it would seem to be a good explanation of what I have given
where I bought it.

The 312B/D Manual is available on BAMA. So I will try and use that to
get this unit receiving.

Thats for all the info I received on and off this group.

Jim

159. looking for TCS 13/14 Tx have/Know one for sale ?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-11 12:58:53 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <14bd887a-27b0-4534-a3a6-96841fb659c1@y33g2000yqb.googlegroups.com>
Source record: 1479

Well Still looking ......Just a little more informed .!.

Any of the series , TCS-12 TCS-13 TCS-14 (the later the better ?)

Manufacture , labes , original power unit , cables , that sort of
things , not too high on the list !

Tops is the TSC Transmitter ... power plug would be handy ...
hacked well depends if 'thay' used a new blade,

Just needs to have 'all the big bits' , nice if its working ...

Can collect inside UK and poss Ireland , depands on the weight packed
~ fuel ~ etc surface mail , from outside uk possible ?

Tnx - G ..

160. Hammarlund Historian website partially restored

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-13 00:40:23 UTC
From: Llgpt@aol.com
Message-ID: <9c3435c9-eceb-439a-bf26-9a98fd380ed5@z17g2000yqh.googlegroups.com>
Source record: 1480
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.shortwave

The site has been down, but is partially back up and running.

Thanks for your patience.

http://www.hammarlund.info/

Les Locklear
Gulfport, Ms.
Dx'ing since '57

161. Re: Hammarlund Historian website partially restored

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-13 04:05:48 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <ctqdnSPHQ7W8uOvWnZ2dnUVZ_qednZ2d@earthlink.com>
Source record: 1481
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.shortwave

<Llgpt@aol.com> wrote in message
news:9c3435c9-eceb-439a-bf26-9a98fd380ed5@z17g2000yqh.googlegroups.com...
> The site has been down, but is partially back up and
> running.
>
> Thanks for your patience.
>
> http://www.hammarlund.info/
>
> Les Locklear
> Gulfport, Ms.
> Dx'ing since '57
>
You have a very interesting and valuable site,
especially for those of us who like Hammarlund receivers. My
congratulations on what must have been a difficult and time
consuming job and good luck on completing the restoration.

--

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

162. WTB - trim piece for Hallicrafters SX-28 cabinet

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-13 16:01:58 UTC
From: Hank <foglesong@montrose.net>
Message-ID: <3e40ee3f-577e-4ec4-b5cd-71d210ac6920@o3g2000yqb.googlegroups.com>
Source record: 1482

I would like to obtain one of the decorative metal trim pieces for a Hallicrafters SX-28 cabinet. Please contact me if you have one or know someone who might have one for sale.

163. Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-14 03:41:06 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <csednXW34KtK7erWnZ2dnUVZ_gadnZ2d@earthlink.com>
Source record: 1483

At some time in the recent past there was a discussion
in this or the antique radio group about coil dope. As a
result I tried making some. While it appears to be still
available its hard to find.
What I did was to dissolve polyfoam shipping material
in a mixture of MEK and xylol. I chose these two solvents
because both were listed on the lable of some old commercial
coil dope.
The result is that the stuff works fine. The solvent
will dissolve an amazing amount of the polyfoam, probably
because its mostly air. After I got the stuff to a good
honey-like consistency I tried it. It dries hard in about
ten minutes. Polyfoam is polystyrene which has excellent
dielectric properties. This is what the commercial coil
dopes were made of.
Both solvents are available from hardware or paint
stores and are cheap. The polyfoam can come from styrofoam
cups but shipping material is the same stuff and is often
just tossed away. All that matters is that its clean.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

164. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-14 19:29:59 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <379b4875-5310-401d-9d8a-f0ad174f2aec@k2g2000pro.googlegroups.com>
Source record: 1484

On Feb 13, 7:41 pm, "Richard Knoppow" <dickb...@ix.netcom.com> wrote:
> A t some time in the recent past there was a discussion
> in this or the antique radio group about coil dope. As a
> result I tried making some. While it appears to be still
> available its hard to find.
> What I did was to dissolve polyfoam shipping material
> in a mixture of MEK and xylol. I chose these two solvents
> because both were listed on the lable of some old commercial
> coil dope.
> The result is that the stuff works fine. The solvent
> will dissolve an amazing amount of the polyfoam, probably
> because its mostly air. After I got the stuff to a good
> honey-like consistency I tried it. It dries hard in about
> ten minutes. Polyfoam is polystyrene which has excellent
> dielectric properties. This is what the commercial coil
> dopes were made of.
> Both solvents are available from hardware or paint
> stores and are cheap. The polyfoam can come from styrofoam
> cups but shipping material is the same stuff and is often
> just tossed away. All that matters is that its clean.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com

Dissolve the polyfoam in gasoline and what do you get? Napalm!

Paul, KD7HB

165. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-15 02:14:53 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <peadneiSsoK8M-XWnZ2dnUVZ_uSdnZ2d@earthlink.com>
Source record: 1485

"pdrahn@coinet.com" <co_farmer@yahoo.com> wrote in message
news:379b4875-5310-401d-9d8a-f0ad174f2aec@k2g2000pro.googlegroups.com...
On Feb 13, 7:41 pm, "Richard Knoppow"
<dickb...@ix.netcom.com> wrote:
> At some time in the recent past there was a discussion
> in this or the antique radio group about coil dope. As a
> result I tried making some. While it appears to be still
> available its hard to find.
> What I did was to dissolve polyfoam shipping material
> in a mixture of MEK and xylol. I chose these two solvents
> because both were listed on the lable of some old
> commercial
> coil dope.
> The result is that the stuff works fine. The solvent
> will dissolve an amazing amount of the polyfoam, probably
> because its mostly air. After I got the stuff to a good
> honey-like consistency I tried it. It dries hard in about
> ten minutes. Polyfoam is polystyrene which has excellent
> dielectric properties. This is what the commercial coil
> dopes were made of.
> Both solvents are available from hardware or paint
> stores and are cheap. The polyfoam can come from styrofoam
> cups but shipping material is the same stuff and is often
> just tossed away. All that matters is that its clean.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com

Dissolve the polyfoam in gasoline and what do you get?
Napalm!

Paul, KD7HB

A helpful hint:-) I thought it was soap but I've never
seriously wanted to make any napalm.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

166. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-15 02:20:00 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <LuednYpv2cfFMuXWnZ2dnUVZ_g-dnZ2d@earthlink.com>
Source record: 1486

"Richard Knoppow" <dickburk@ix.netcom.com> wrote in message
news:peadneiSsoK8M-XWnZ2dnUVZ_uSdnZ2d@earthlink.com...
>
> "pdrahn@coinet.com" <co_farmer@yahoo.com> wrote in message
> news:379b4875-5310-401d-9d8a-f0ad174f2aec@k2g2000pro.googlegroups.com...
> On Feb 13, 7:41 pm, "Richard Knoppow"
> <dickb...@ix.netcom.com> wrote:
>> At some time in the recent past there was a discussion
>> in this or the antique radio group about coil dope. As a
>> result I tried making some. While it appears to be still
>> available its hard to find.
>> What I did was to dissolve polyfoam shipping material
>> in a mixture of MEK and xylol. I chose these two solvents
>> because both were listed on the lable of some old
>> commercial
>> coil dope.
>> The result is that the stuff works fine. The solvent
>> will dissolve an amazing amount of the polyfoam, probably
>> because its mostly air. After I got the stuff to a good
>> honey-like consistency I tried it. It dries hard in about
>> ten minutes. Polyfoam is polystyrene which has excellent
>> dielectric properties. This is what the commercial coil
>> dopes were made of.
>> Both solvents are available from hardware or paint
>> stores and are cheap. The polyfoam can come from
>> styrofoam
>> cups but shipping material is the same stuff and is often
>> just tossed away. All that matters is that its clean.
>>
>> --
>> Richard Knoppow
>> Los Angeles
>> WB6KBL
>> dickb...@ix.netcom.com
>
> Dissolve the polyfoam in gasoline and what do you get?
> Napalm!
>
> Paul, KD7HB
>
> A helpful hint:-) I thought it was soap but I've
> never seriously wanted to make any napalm.
>
>

Turns out we are both right. Modern napalm has
polystyrene in it, the original used a sort of metallic soap
as the thickening agent. See:

http://en.wikipedia.org/wiki/Napalm

I still have no desire to make any.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

167. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-15 11:33:08 UTC
From: Avery Comarow <acomarow@gmail.com>
Message-ID: <08197ad0-b0d2-4a6b-916c-cbb714aeaf31@v25g2000yqk.googlegroups.com>
Source record: 1487

On Feb 13, 10:41 pm, "Richard Knoppow" <dickb...@ix.netcom.com> wrote:
> At some time in the recent past there was a discussion
> in this or the antique radio group about coil dope. As a
> result I tried making some. ...What I did was to dissolve polyfoam shipping material
> in a mixture of MEK and xylol. I chose these two solvents
> because both were listed on the lable of some old commercial
> coil dope.

> Richard Knoppow

Proportions, please?

168. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-15 15:25:57 UTC
From: kludge@panix.com
Message-ID: <hlbp25kap1@panix2.panix.com>
Source record: 1488

Avery Comarow <acomarow@gmail.com> wrote:
>On Feb 13, 10:41=A0pm, "Richard Knoppow" <dickb...@ix.netcom.com> wrote:
>> =A0 =A0 =A0At some time in the recent past there was a discussion
>> in this or the antique radio group about coil dope. As a
>> result I tried making some. ...What I did was to dissolve polyfoam shippi=
>ng material
>> in a mixture of MEK and xylol. I chose these two solvents
>> because both were listed on the lable of some old commercial
>> coil dope.
>
>> Richard Knoppow
>
>Proportions, please?

When I was a kid, we just added styrofoam to toluene until we got about the
right viscosity. I have coils that I varnished with that stuff thirty years
ago which are still just fine.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

169. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-15 21:21:30 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <3LCdncAQu4N4J-TWnZ2dnUVZ_t6dnZ2d@earthlink.com>
Source record: 1489

"Avery Comarow" <acomarow@gmail.com> wrote in message
news:08197ad0-b0d2-4a6b-916c-cbb714aeaf31@v25g2000yqk.googlegroups.com...
On Feb 13, 10:41 pm, "Richard Knoppow"
<dickb...@ix.netcom.com> wrote:
> At some time in the recent past there was a discussion
> in this or the antique radio group about coil dope. As a
> result I tried making some. ...What I did was to dissolve
> polyfoam shipping material
> in a mixture of MEK and xylol. I chose these two solvents
> because both were listed on the lable of some old
> commercial
> coil dope.

> Richard Knoppow

Proportions, please?

Mostly MEK. I added a little Xylol (AKA Xylene) because
I thought I saw it listed in an MSDS for coil dope. However,
the MSDS for the General Cement product lists only MEK
although the thinner is Toluene. If I do it again I will use
straight MEK. I added the styrofoam until the stuff got to
what seems to be the right consistency, about like honey.
Mine came out a sort of gray color rather than clear but the
pictures of the General Cement Q-Dope also look gray. My
styrofoam was scraps of shipping material from something I
mail ordered. It is amazing how quickly it dissolves, at
least at first. I used a small, wide-mouth, bottle I got
years ago. I would test the cap of any container you plan to
use with a little MEK to make sure it will not be attacked.
MEK is a rather wide spectrum solvent which will dissolve
latex and a number of other substances.
I will make some measurements when I have a little time
to see if my dope affects coil Q. Commercial dope has very
little effect.
MEK is available at any paint or hardware store and
styrofoam abounds. One can use styrofoam cups but I think a
sufficient supply can be found free.
I tried making my own after working on an old
Hewlett-Packard signal generator (606-A) where the high band
coils must be fastened down with it after adjustment. I
found none of my usual local suppliers had the stuff. I have
since found that Action Electronics, in Anaheim CA carries
it but that is a 30 mile drive from here. So, I decided to
make my own.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

170. Progress on a Bendix RA 10DB

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 01:09:51 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <ca0aa749-b354-434e-a5b6-d560e4878192@g19g2000yqe.googlegroups.com>
Source record: 1490

Hi, All.
I've just commissioned the remote band-switch motor on a 1944 Bendix RA 10DB aircraft receiver, controlled from the remote unit that I had to partially rebuild. I had the schematic but no cables so I had to make them - what a pain! But what an incredibly clever servo system! Changing the band at the remote invokes a whirring and clanking as the motor drives the band switch though its travel to the right point. Here's a summary I wrote from the original 1944 documentation. Enjoy!

2-1-2-10 Band Change Circuit (summary by RJ from original documentation)

-- Motor drives switches S1 to S6 change the band. Mechanically:
-- Motor armature to worm drive, ganged to a common shaft, crank arm, locking cam and control cam
-- Motor control switch S8 rides on the control cam
-- Crank arm and and locking cam operate a Geneva disc (What is this? RJ)
-- Hollow shaft of Geneva disc is slottrd at one end to engage the locking pin of a long drive shaft
-- Long drive shaft passes through the Geneva disc, drives the motor positioning switch S7 and runs through the RF coil and can assemblies
-- Band change switches S1 to S6 operate together on this shaft (see note to section 6-4-1-2)

-- Remote control unit band selector switch S101B selects band
-- Band switch motor B1 is energized by completion of its return circuit to ground through contacts on S101B and the shorting contact on S7
-- Motor B1 drives the crank arm through one or more complete revolutions (depending on band selected)
-- This steps the Geneva disk to the desired position
-- At this point the motor is automatically de-energized by an open slot in the shorting contact of switch S7
-- Exact position control is obtained by the cam-operated motor control switch S8
-- When motor B1 is at rest the arm of S8 is on step 2 of the control cam and all contacts are open
-- When motor B1 starts the arm is first raised by step 3 of the cam, closing the upper contacts
-- These contacts close the reversing field of motor B1 to a selected rotor on the positioning switch S7
-- These selected [S7] contacts connect to a non-grounded position on S10-1B, thus the motor continues to run
-- When the arm of switch S8 drops to step 1 of the control arm, the

upper contacts are opened and the lower ones are closed
-- The closing of the lower contacts provides an additional path to ground to keep motor B1 energized after the opening of selector switch S7 by movement of the Geneva disc.
-- When the crank arm has been driven past the Geneva disc, engaging the locking cam with the arc of the disc, the control cam raises the arm of motor control switch S8 to step 2, opening all contacts.
-- Motor coasts to a stop
-- If motor coasts past step 2, the upper contacts of S8 will be closed, effecting a return to ground for the motor reversing field through S7 and S1010B.
-- Motor will then reverse to drive the cam back to the proper position with all contacts of S8 open and the motor at rest.

Phew!
Now to sort out the AVC/MVC function (remote unit switch) and check the RF/IF/detector/audio.
Cheers,
Roger

171. square pyramid net diagram

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 09:33:30 UTC
From: deenky <deenky.5c032f3@radiobanter.com>
Message-ID: <deenky.5c032f3@radiobanter.com>
Source record: 1491

How to make a square pyramid net diagram? Hey everyone! I have to build a model for geometry and it has to be a cube with three congruent square pyramids that fit perfectly inside of it. I'm making a net diagram that will show the congruent square pyramid and its measurements and dimensions. I'm not really sure about how to calculate it though. My cube is going to be 5x5. If anyone could help, that would be great.

--
deenky

172. Re: Progress on a Bendix RA 10DB

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 17:40:51 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <f2952d84-fc4e-4633-99e3-39385506dd45@z11g2000yqz.googlegroups.com>
Source record: 1492

On Feb 15, 8:09 pm, Engineer <junk2...@rogers.com> wrote:
> Hi, All.

(snip)

> Now to sort out the AVC/MVC function (remote unit switch) and check
> the RF/IF/detector/audio.
> Cheers,
> Roger

AVC/MVC function (remote unit switch) and the RF/IF/detector and audio
(the latter through the remote unit) all working.
Will replace original B+ filter caps as there is a lot of dynamotor
hum.
I now need to clean up the cabling, commission with the Interphone
unit and wrap it up as a museum demo on our Lancaster project.
See http://casmuseum.org/about.shtml
Cheers,
Roger

173. Building a replica Hallicrafters R-12 console speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 19:15:01 UTC
From: Phil Nelson <http>
Message-ID: <AMadnZ_CmJ0gc-fWnZ2dnUVZ_qidnZ2d@giganews.com>
Source record: 1493

I have added a new article with photos and dimensions for anyone who would like to build a replica of the Hallicrafters R-12 console speaker (companion to the SX-28 receiver).

http://antiqueradio.org/HallicraftersR-12Speaker.htm

These speakers are pretty scarce. I've never seen one in the flesh. You may enjoy seeing some photos and a 1940 ad, even if you're not planning to roll your own.

Thanks to Henry Rogers of the Western Historic Radio Museum (http://www.radioblvd.com/) for supplying the photos and building information.

Phil Nelson
Phil's Old Radios
http://antiqueradio.org/index.html

174. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 20:07:40 UTC
From: Dave Smirkenberg <smirk50@rocketmail.com>
Message-ID: <cb2351c7-4b8d-4ebb-8ca5-d4f6490d7c1c@y33g2000yqb.googlegroups.com>
Source record: 1494

On Feb 15, 10:25 am, klu...@panix.com (Scott Dorsey) wrote:
> Avery Comarow <acoma...@gmail.com> wrote:
>
> >On Feb 13, 10:41=A0pm, "Richard Knoppow" <dickb...@ix.netcom.com> wrote:
> >> =A0 =A0 =A0At some time in the recent past there was a discussion
> >> in this or the antique radio group about coil dope. As a
> >> result I tried making some. ...What I did was to dissolve polyfoam shippi=
> >ng material
> >> in a mixture of MEK and xylol. I chose these two solvents
> >> because both were listed on the lable of some old commercial
> >> coil dope.
>
> >> Richard Knoppow
>
> >Proportions, please?
>
> When I was a kid, we just added styrofoam to toluene until we got about the
> right viscosity. I have coils that I varnished with that stuff thirty years
> ago which are still just fine.
> --scott
>
> --
> "C'est un Nagra. C'est suisse, et tres, tres precis."

Tolulene runs about 13-15 bucks a gallon at Home Depot, Menards, etc.
You won't ever run out of it if you buy a gallon can!
On top of that, a trick many racers use is to add some to gasoline to
up the octane. In Baja races in Mexico you never know what the octane
of the stuff you are getting may be.

I have digressed, I see...a habit as I age. In any case, I have also
mixed a small amount of tolulene with dried up tubes of plumbers goop
in order to reactivate the stuff. Afterall, drying goop is because of
the evaporation of tolulene in the first place.

175. AM signals peak envelope power

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 20:47:01 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b7b044a$0$1108$4fafbaef@reader2.news.tin.it>
Source record: 1495

I wonder whether someone can help me to clear an issue regarding AM signals produced by a (class-C) tube transmitter.

It is well known that the peak-envelope power of a carrier 100%-modulated by a pure sine wave is four times the unmodulated carrier power. This is simply because, according to the Ohm's law, doubling voltage power gets four times higher.

I would have no problem if a tube would behave like a normal resistor. But a tube instead behaves like a differential resistor, and this makes a lot of difference.

If you consider the plate characteristic of a typical pentode, you see that plate current does not change much increasing plate voltage. So, doubling the plate voltage, power would not get four times higher, but just a little more that two times.

The triode plate current is instead much more dependent on plate voltage so that, doubling plate voltage, power would grow probably at least three times. But definitely not four times.

Can someone pinpoint what I am missing?

73

Tony I0JX

176. Modulation transformer load

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 20:59:02 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b7b071b$0$1109$4fafbaef@reader2.news.tin.it>
Source record: 1496

The ARRL handbook reports that the load seen by a modulation transformer is simply the ratio between the final RF stage voltage and its current.

Somewhere else I read that the calculation result should be reduced by a factor that varies with the RF stage operating class, i.e. 1.3 (class A), or 1.7 (class B) or 2 (class C).

Even though, in practice, the load value is not critical, I wonder whether anyone has got more information on the issue.

73

Tony I0JX

177. Looking for Hammarlund Model C tuning condenser

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-16 22:07:16 UTC
From: daveradio <dgonshor@q.com>
Message-ID: <9034ac5b-69af-4eec-bd1e-0914ce1a95ec@y7g2000prc.googlegroups.com>
Source record: 1497

This is an oldie: 500 pF, 23 brass plates. Can send pic. Thanks for
looking!
Dave
dgonshor@q.com

178. Re: Looking for Hammarlund Model C tuning condenser

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-17 00:11:58 UTC
From: daveradio <dgonshor@q.com>
Message-ID: <9e91a5b0-b96d-4cdc-b1e2-99c5b2285279@x1g2000prb.googlegroups.com>
Source record: 1498

And I will pay or trade handsomely for one!

179. Re: AM signals peak envelope power

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-17 19:05:58 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <74bdf72d-f606-42e2-b069-7403490149b1@g28g2000yqh.googlegroups.com>
Source record: 1499

On Feb 16, 8:47 pm, "Antonio Vernucci" <vernu...@tin.it> wrote:
> I wonder whether someone can help me to clear an issue regarding AM signals
> produced by a (class-C) tube transmitter.
>
> It is well known that the peak-envelope power of a carrier 100%-modulated by a
> pure sine wave is four times the unmodulated carrier power. This is simply
> because, according to the Ohm's law, doubling voltage power gets four times
> higher.
>
> I would have no problem if a tube would behave like a normal resistor. But a
> tube instead behaves like a differential resistor, and this makes a lot of
> difference.
>
> If you consider the plate characteristic of a typical pentode, you see that
> plate current does not change much increasing plate voltage. So, doubling the
> plate voltage, power would not get four times higher, but just a little more
> that two times.
>
> The triode plate current is instead much more dependent on plate voltage so
> that, doubling plate voltage, power would grow probably at least three times.
> But definitely not four times.
>
> Can someone pinpoint what I am missing?
>
> 73
>
> Tony I0JX

You could be a bit mixed up ... the final is acting as a high
level mixer ... you end up with a spectrum .. not a single
carier .. in fact the carrier amplitude is not changed by the
process (should not be ...) that is , the additional power is in
the sidebands

G ..

180. FS Hallicrafters SX23 S meter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-17 22:59:04 UTC
From: nc183d <nc183d@aol.com>
Message-ID: <2a6681a3-5296-4e0f-9c89-182e72d10af3@k41g2000yqm.googlegroups.com>
Source record: 1500

Hi All,

I have an old Hallicrafters SX23 S meter that came from a parts unit.
Is was functional at the time of removal. I can send photos to
interested buyers upon request. No idea what to ask for it, make me an
offer.

rgds,

Mark S.

181. Re: Building a replica Hallicrafters R-12 console speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-17 23:28:18 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <0d1553d9-2e73-4d0d-a1c3-a35f53216fec@l19g2000yqb.googlegroups.com>
Source record: 1351

On Feb 16, 2:15 pm, "Phil Nelson" <http://antiqueradio.org/
contact.htm> wrote:
> I have added a new article with photos and dimensions for anyone who would
> like to build a replica of the Hallicrafters R-12 console speaker (companion
> to the SX-28 receiver).
>
> http://antiqueradio.org/HallicraftersR-12Speaker.htm
>
> These speakers are pretty scarce. I've never seen one in the flesh. You may
> enjoy seeing some photos and a 1940 ad, even if you're not planning to roll
> your own.
>
> Thanks to Henry Rogers of the Western Historic Radio Museum (http://www.radioblvd.com/)
for supplying the photos and building
> information.
>
> Phil Nelson
> Phil's Old Radioshttp://antiqueradio.org/index.html

Hi, Phil,
Looked at the construction - very neat. But the "reflex port" looks
very large and has no extension tube. I'm wondering how it can be
resonant with the free-air speaker resonance (but no calculations
done, just a gut feeling.) I don't doubt the originality of the design
but it might sound even better with no port at all.
Cheers,
Roger

182. Re: Building a replica Hallicrafters R-12 console speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-18 00:04:06 UTC
From: Phil Nelson <http>
Message-ID: <FuSdnQwG2KZjHuHWnZ2dnUVZ_gqdnZ2d@giganews.com>
Source record: 1352

Yah, don't ask me -- I'm just the messenger :-)

Perhaps others know more about the state of audio design in 1940 and what "bass reflex" may have meant at the time.

I believe the cabinet has a solid back, by the way, although the photos don't show it.

Phil Nelson

183. Re: FS Hallicrafters SX23 S meter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-18 06:03:05 UTC
From: MoiInAust <user@user.com>
Message-ID: <4b7cd828$1@dnews.tpgi.com.au>
Source record: 1353

Send at least one image to VK2DRR (as on QRZ). Thanks

"nc183d" <nc183d@aol.com> wrote in message
news:2a6681a3-5296-4e0f-9c89-182e72d10af3@k41g2000yqm.googlegroups.com...
> Hi All,
>
> I have an old Hallicrafters SX23 S meter that came from a parts unit.
> Is was functional at the time of removal. I can send photos to
> interested buyers upon request. No idea what to ask for it, make me an
> offer.
>
> rgds,
>
> Mark S.

184. ADF indicator motorola 551A (ADF-T12C)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-18 15:13:49 UTC
From: BLaPlante <BLaPlante.5c32a52@radiobanter.com>
Message-ID: <BLaPlante.5c32a52@radiobanter.com>
Source record: 1354

An earlier poster asked for info about the ADF-T12C. I have the
Indicator head (Motorola Servo Amp Indicator 551A). Can someone give
me the pin out for the connectors to this indicator? Many thanks!

--
BLaPlante

185. AR88

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-18 22:29:28 UTC
From: AR88 Enthusiast <nospam@here.com>
Message-ID: <4b7dbf52$1@dnews.tpgi.com.au>
Source record: 1355

Are there any AR88 owners on this ng who would be interested in purchasing an authentic S meter for it, should one become available? If so, please email VK2DRR at the address shown on QRZ.

186. FA: AM-3349/GRC-106 "TEST" (center) meter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-19 19:09:36 UTC
From: Mark
Message-ID: <gaotn5td504tchdtminu421ipfeglugiam@4ax.com>
Source record: 1356

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=140384657996

This is the center meter on the AM-3349 RF amp that reads cathode
current and RF output power.

--Mark

187. FS >>> Racal MA7917B HF ISB SSB / AM exciter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-19 20:07:38 UTC
From: Graham <g0nbd@hotmail.com>
Message-ID: <c943d684-7e6b-4955-8c32-8b6ac6143b0e@15g2000yqi.googlegroups.com>
Source record: 1357

Racal MA7917B HF Independent side-band exciter SSB

EBAY >>> 160406367998

188. WTB Round 5-inch PM speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-19 21:22:46 UTC
From: SX-25 <telegrapher@hotmail.com>
Message-ID: <a9-dnQWMyorQnOLWnZ2dnUVZ_qqdnZ2d@earthlink.com>
Source record: 1358

Seems a little silly to have to advertise for one of these but I need a 5 inch round 4 ohm PM speaker for a restoration of my Hallicrafters S-72. Anyone have one in good condition for sale? Not looking to shake anyone down for a freebee...I prefer to pay my own fare.

Ahhh for the good old days when old metal cabinet TV sets could always be found in alleys waiting for the trash man...or enthusiastic radio guys harvesting parts.

Smokey

189. Re: WTB Round 5-inch PM speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-20 00:20:30 UTC
From: kludge@panix.com
Message-ID: <hln9se$bh9$1@panix2.panix.com>
Source record: 1359

SX-25 <telegrapher@hotmail.com> wrote:
>Seems a little silly to have to advertise for one of these but I need a 5
>inch round 4 ohm PM speaker for a restoration of my Hallicrafters S-72.
>Anyone have one in good condition for sale? Not looking to shake anyone down
>for a freebee...I prefer to pay my own fare.

Try your local Quam-Nichols dealer... they still make all the same drivers
they made in the 1950s and they still work just as well. My local outfit
is Cain Electronics in Hampton, VA.

>Ahhh for the good old days when old metal cabinet TV sets could always be
>found in alleys waiting for the trash man...or enthusiastic radio guys
>harvesting parts.

The parts are different today, but new CRT TV sets are being pitched
right and left and they have some pretty nifty stuff inside.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

190. sansui g-9700 FS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-20 22:09:54 UTC
From: lou <louis717@gmail.com>
Message-ID: <3fd67ea3-26a1-465c-baca-5a2bfb5ba646@z39g2000vbb.googlegroups.com>
Source record: 1360
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,rec.radio.amateur.misc

Hi
please see ebay item no. 250584161885 for a great sansui g-9700 stereo
for sale
thanks
lou

191. WTB CW Pitch Knob for Hallicrafters SX-71

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-21 01:25:38 UTC
From: w8khz <w8khz.5c67610@radiobanter.com>
Message-ID: <w8khz.5c67610@radiobanter.com>
Source record: 1362

Looking for a CW Pitch knob for a Hallicrafters SX-71. I believe the same knob was used on the SX-42, SX-43 and possibly other models of Hallicrafters receivers from the late '40s and early '50s era. Attached is a couple of pictures of what I'm looking for. Please note that this knob has a pin on the back that allows for only one rotation of the knob.

Thanks,

Brian - W8KHZ

```
+-----------------------------------------------------------------+
|Filename: Pitch Knob front.jpg |
|Download: http://www.radiobanter.com/attachment.php?attachmentid=690|
|Filename: Pitch Knob rear.jpg |
|Download: http://www.radiobanter.com/attachment.php?attachmentid=691|
+-----------------------------------------------------------------+
```

--
w8khz

192. Re: Haiti

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-21 01:27:16 UTC
From: "Al A." <alanganes@comcast.net>
Message-ID: <hlq25q$p4c$1@news.eternal-september.org>
Source record: 1361

On 1/15/2010 10:51 PM, Engineer wrote:
> Does anyone have any reports of radio amateurs being involved in the
> Haiti disaster relief?
> On a related point, we've heard very little in the media about radio
> being used in relief communications - it's been all about no wired
> phones, little or no internet, few cellphone towers, some twitter use,
> facebook groups, etc... where's the good, old fashioned analog radio?
> Cheers,
> Roger

A bit on that topic here:

http://spectrum.ieee.org/telecom/wireless/hams-in-haiti

193. Re: Building a replica Hallicrafters R-12 console speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-22 00:23:03 UTC
From: Phil Nelson <http>
Message-ID: <I7KdnSGqzc4VUxzWnZ2dnUVZ_oadnZ2d@giganews.com>
Source record: 1363

I updated the article to include more information from Henry Rogers,
including construction details and the type of speaker used.

Phil

> I have added a new article with photos and dimensions for anyone who would
> like to build a replica of the Hallicrafters R-12 console speaker
> (companion to the SX-28 receiver).
>
> http://antiqueradio.org/HallicraftersR-12Speaker.htm

194. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-22 02:48:08 UTC
From: davidmylastname@acm.org
Message-ID: <hlsr98$m6g$1@frotz.eternal-september.org>
Source record: 1364

Richard Knoppow <dickburk@ix.netcom.com> wrote:

>> Richard Knoppow

> Proportions, please?

> Mostly MEK. I added a little Xylol (AKA Xylene) because
> I thought I saw it listed in an MSDS for coil dope. However,
> the MSDS for the General Cement product lists only MEK
> although the thinner is Toluene. If I do it again I will use
> straight MEK. I added the styrofoam until the stuff got to
> what seems to be the right consistency, about like honey.

A word of caution to anyone considering this: when starting this procedure, fill the container only a third of the way with MEK. All that polystyrene needed to thicken it up to honey-like consistency will increase the volume a lot.

I have a half-pint mason jar that started with a third of MEK. I fed it one and a half letter-sized inch-thick slabs of foam and it's still not done.

--
David Griffith
davidmylastname@acm.org <--- Put my last name where it belongs

195. Re: Building a replica Hallicrafters R-12 console speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-22 11:09:39 UTC
From: Roger Basford <"Roger at new-gate dot co dot uk">
Message-ID: <QL6dncwPKda4-B_WnZ2dnUVZ7sqdnZ2d@brightview.co.uk>
Source record: 1365

Phil,

Are you the person to whom I sent some dimensions of the R-12, a year or so ago?

73

Roger/G3VKM

"Phil Nelson" <http://antiqueradio.org/contact.htm> wrote in message news:AMadnZ_CmJ0gc-fWnZ2dnUVZ_qidnZ2d@giganews.com...
>I have added a new article with photos and dimensions for anyone who would
>like to build a replica of the Hallicrafters R-12 console speaker
>(companion to the SX-28 receiver).
>
> http://antiqueradio.org/HallicraftersR-12Speaker.htm
>
> These speakers are pretty scarce. I've never seen one in the flesh. You
> may enjoy seeing some photos and a 1940 ad, even if you're not planning to
> roll your own.
>
> Thanks to Henry Rogers of the Western Historic Radio Museum (
> http://www.radioblvd.com/) for supplying the photos and building
> information.
>
> Phil Nelson
> Phil's Old Radios
> http://antiqueradio.org/index.html

196. Re: Help Need Manuals for Meissner Calibrator and HP-312

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-23 02:15:14 UTC
From: COLIN LAMB <k7fm@teleport.com>
Message-ID: <-aSdnT_Y-4Wypx7WnZ2dnUVZ_vKdnZ2d@earthlink.com>
Source record: 1366

Hi Jim:

I have "complete instructions for operation of the signal calibrator model 9-1006" This version has a 50 kc and 10 kc multivibrator (6N7s) and 1852s in the output stage. Your calibrator is different - unless you copied the number wrong. Let me know if this will help

73, Colin K7FM

197. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-23 16:01:37 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <ZPidndGnfcJ-Zh7WnZ2dnUVZ_qCdnZ2d@earthlink.com>
Source record: 1367

"David Griffith" <davidmylastname@acm.org> wrote in message
news:hlsr98$m6g$1@frotz.eternal-september.org...
> Richard Knoppow <dickburk@ix.netcom.com> wrote:
>
>>> Richard Knoppow
>
>> Proportions, please?
>
>> Mostly MEK. I added a little Xylol (AKA Xylene)
>> because
>> I thought I saw it listed in an MSDS for coil dope.
>> However,
>> the MSDS for the General Cement product lists only MEK
>> although the thinner is Toluene. If I do it again I will
>> use
>> straight MEK. I added the styrofoam until the stuff got
>> to
>> what seems to be the right consistency, about like honey.
>
> A word of caution to anyone considering this: when
> starting this
> procedure, fill the container only a third of the way with
> MEK. All
> that polystyrene needed to thicken it up to honey-like
> consistency will
> increase the volume a lot.
>
> I have a half-pint mason jar that started with a third of
> MEK. I fed it
> one and a half letter-sized inch-thick slabs of foam and
> it's still not
> done.
>
> --
> David Griffith
> davidmylastname@acm.org <--- Put my last name where it
> belongs

I started with about half the jar filled with MEK.
Since I used styrofoam the displacement of the material
before it dissolves is much greater than after because so
much of it is air. The first pieces dissolved very quickly,
in fact it looked like Alka-Seltzer dissolving. Toward the
end it took a few minutes for each additional piece to

dissolve. The total amount is amazing until you remember that its mostly air. After the first flurry of very quick solution I added pieces about twice a day and just let it alone between times. Of course with the cap on, MEK will evaporate very quickly.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

198. Paying $50.00

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-25 02:09:05 UTC
From: daveradio <dgonshor@q.com>
Message-ID: <e71300d1-e2e1-483c-b443-d6a7e11d1bed@s36g2000prh.googlegroups.com>
Source record: 1368

For a Hammarlund model C tuning condenser. 500 pf. 23 brass plates.
Thanks!
Dave

199. Zenith 49CZ752 speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-25 04:11:24 UTC
From: Hank <foglesong@montrose.net>
Message-ID: <55d58599-0403-4222-9b80-33238217ade8@a18g2000yqc.googlegroups.com>
Source record: 1369

Can someone tell me what the input impedance of a Zenith 49CZ752
speaker is?

Thank you

200. National NC-88 questions

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-25 05:42:52 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hm52lb012rh@news5.newsguy.com>
Source record: 1370

I'm working on an NC-88 and a couple things aren't sitting right with me.

1. Overall 'oomph' seems to be missing. It receives well enough but even benchside listening requires that the volume be up to about 75%. Doesn't seem right. An AA5 would blow it away. Finger on the volume pot wiper gives a very healthy hum so the problem must be further back.

2. BFO. Works but is really weak. I tried more coupling but no increase. The Sensitivity control has to be almost at the floor to hear it. Its really too weak to be functional.

Recapped, many resistors found out of tolerance, voltage checks are all ok. Some previous owner had the IFs badly mistuned. Found an intermittent factory joint on the bandswitch.

I guess what I'm asking are these 'features' typical of the NC-88? I wouldn't think so. Maybe the two symptoms are related?

Thanks for any comments.

-Bill WX4A

201. Re: National NC-88 questions

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-25 16:00:08 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1002251056590.4399@darkstar.example.net>
Source record: 1371

On Thu, 25 Feb 2010, Bill M wrote:

> I'm working on an NC-88 and a couple things aren't sitting right with me.
>
> 1. Overall 'oomph' seems to be missing. It receives well enough but even
> benchside listening requires that the volume be up to about 75%. Doesn't seem
> right. An AA5 would blow it away. Finger on the volume pot wiper gives a
> very healthy hum so the problem must be further back.
>
> 2. BFO. Works but is really weak. I tried more coupling but no increase.
> The Sensitivity control has to be almost at the floor to hear it. Its really
> too weak to be functional.
>

I don't have a clue, but before SSB (and I can't remember whether this receiver predates it, it likely doesn't matter for this purpose when it came out), BFOs were relatively weak. Their purpose wasn't to provide a good mixing action, just a beat note.

Which is why there were all those articles about turning down the RF gain when receiving SSB on such receivers. I'm sure a lot had terribly weak BFOs even then. And given that the same general design in general coverage receivers carried over into the age of SSB, the age of the receiver may not be that important.

There may be an issue, but perhaps your expectations are higher than the design had in mind.

Michael VE2BVW

> Recapped, many resistors found out of tolerance, voltage checks are all ok.
> Some previous owner had the IFs badly mistuned. Found an intermittent
> factory joint on the bandswitch.
>
> I guess what I'm asking are these 'features' typical of the NC-88? I
> wouldn't think so. Maybe the two symptoms are related?
>
> Thanks for any comments.
>
> -Bill WX4A
>

202. Re: National NC-88 questions

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-25 18:24:18 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <g-ydnbOEAZD-XRvWnZ2dnUVZ_jCdnZ2d@earthlink.com>
Source record: 1372

"Bill M" <radioexray@geeeemail.com> wrote in message
news:hm52lb012rh@news5.newsguy.com...
> I'm working on an NC-88 and a couple things aren't sitting
> right with me.
>
> 1. Overall 'oomph' seems to be missing. It receives well
> enough but even benchside listening requires that the
> volume be up to about 75%. Doesn't seem right. An AA5
> would blow it away. Finger on the volume pot wiper gives
> a very healthy hum so the problem must be further back.
>
> 2. BFO. Works but is really weak. I tried more coupling
> but no increase. The Sensitivity control has to be almost
> at the floor to hear it. Its really too weak to be
> functional.
>
> Recapped, many resistors found out of tolerance, voltage
> checks are all ok. Some previous owner had the IFs badly
> mistuned. Found an intermittent factory joint on the
> bandswitch.
>
> I guess what I'm asking are these 'features' typical of
> the NC-88? I wouldn't think so. Maybe the two symptoms
> are related?
>
> Thanks for any comments.
>
> -Bill WX4A

All of this points to something in the
detector/avc/noise limiter area. Have you made tube socket
resistance measurements and voltage measurements? Those may
show something up. When doing extensive recapping there is
always the chance of getting something in wrong or one of
the new caps being bad.
While the BFO voltage is generally low in conventional
receivers its not _that_ low and should give a strong beat
note with the RF gain in normal position although it will no
be linear enough for SSB.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

203. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-26 21:13:26 UTC
From: davidmylastname@acm.org
Message-ID: <hm9dhm$ol0$1@frotz.eternal-september.org>
Source record: 1373

Richard Knoppow <dickburk@ix.netcom.com> wrote:

>> I have a half-pint mason jar that started with a third of MEK. I fed
>> it one and a half letter-sized inch-thick slabs of foam and it's
>> still not done.

> I started with about half the jar filled with MEK. Since I used
> styrofoam the displacement of the material before it dissolves is much
> greater than after because so much of it is air. The first pieces
> dissolved very quickly, in fact it looked like Alka-Seltzer
> dissolving. Toward the end it took a few minutes for each additional
> piece to dissolve. The total amount is amazing until you remember that
> its mostly air. After the first flurry of very quick solution I added
> pieces about twice a day and just let it alone between times. Of
> course with the cap on, MEK will evaporate very quickly.

I stirred mine with a screwdriver and finished it in a couple nights.
Watching the first few chunks dissolve was rather amusing.

I don't know what sort of lid you used on the jar, but MEK softened up
the sealing compound. Based on what I found on a website on what sort
of gloves to use with MEK, I think butyl rubber caulk would be good to
keep the solvent from seeping out. Dissolve off the rest of the sealing
compound, then apply the caulk in its place. While you're waiting for
the caulk to cure, some foil on the jar should keep the MEK in place.
Or, even better, prepare the lid before mixing up the dope.

--
David Griffith
davidmylastname@acm.org <--- Put my last name where it belongs

204. Archer Space Cadet Walkie-Talkies

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-26 23:53:38 UTC
From: kludge@panix.com
Message-ID: <hm9mu2evb1@panix2.panix.com>
Source record: 1374

I don't have any schematics yet, BUT for those following the discussion about kids' walkie-talkies, the 1968 edition of the Mobile Manual has on pp. 218-219 a schematic of the three-transistor Knight C-100 CB Transceiver and directions on modifying it for 6M AM. Worth checking out although the modulation level on this design doesn't look like anything to write home about.
--scott

Oh, and whoever asked originally, if you want this Lafayette unit, PLEASE email me.

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

205. Re: Paying $50.00

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-27 01:36:53 UTC
From: daveradio <dgonshor@q.com>
Message-ID: <6bd405a6-ac33-4af2-b9a1-1af72c196b63@a16g2000pre.googlegroups.com>
Source record: 1375

Bill,
If you send me an email, I will email back to you a picture of the
Hammarlund. Thanks!
Dave
dgons...@q.com

206. Re: National NC-88 questions

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-27 03:16:48 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hma2rd027ag@news3.newsguy.com>
Source record: 1376

Richard Knoppow wrote:

>
> All of this points to something in the
> detector/avc/noise limiter area.

A big ole DUH for me. ANL switch was open in either position. Amazing
any audio got through at all.

Sounds pretty normal now.

-Bill

207. Re: Archer Space Cadet Walkie-Talkies

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-27 05:02:31 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1002270001490.7000@darkstar.example.net>
Source record: 1377

On Fri, 26 Feb 2010, Scott Dorsey wrote:

> I don't have any schematics yet, BUT for those following the discussion
> about kids' walkie-talkies, the 1968 edition of the Mobile Manual has
> on pp. 218-219 a schematic of the three-transistor Knight C-100 CB
> Transceiver and directions on modifying it for 6M AM. Worth checking
> out although the modulation level on this design doesn't look like
> anything to write home about.
> --scott
>
> Oh, and whoever asked originally, if you want this Lafayette unit,
> PLEASE email me.
>
Aren't you supposed to add an audio transformer to improve modulation?
I seem to recall reading something along those lines in one of the
magazines.

Michael VE2BVW

> --
> "C'est un Nagra. C'est suisse, et tres, tres precis."
>

208. Re: National NC-88 questions

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-27 07:51:24 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <fL-dnW-6L9CdUhXWnZ2dnUVZ_q-dnZ2d@earthlink.com>
Source record: 1378

"Bill M" <radioexray@geeeemail.com> wrote in message
news:hma2rd027ag@news3.newsguy.com...
> Richard Knoppow wrote:
>
>>
>> All of this points to something in the
>> detector/avc/noise limiter area.
>
> A big ole DUH for me. ANL switch was open in either
> position. Amazing any audio got through at all.
>
> Sounds pretty normal now.
>
> -Bill

Contratulations!!! Its so easy to overlook obvious
things. It can be very helpful to have someone else look at
a thing you have been busting your head over. The NC-88 is a
neat little receiver.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

209. Re: National NC-88 questions

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-27 12:20:03 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hmb2m00179f@news7.newsguy.com>
Source record: 1379

Richard Knoppow wrote:

>
> Contratulations!!! Its so easy to overlook obvious
> things. It can be very helpful to have someone else look at
> a thing you have been busting your head over. The NC-88 is a
> neat little receiver.
>
>
Yeah, I had to step away from it for it to become obvious.

I've had a fun time tuning around with it. I bought the thing on a nostalgic bent and its nice to cruise around on a relatively simple old tube receiver. Most of my SWLing in recent years has been solid-state and homebrew stuff. Thats fun too but its just not the same :)

73,
Bill

210. Collins 651s1 audio card schematic

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-27 14:17:25 UTC
From: dg <daniele.guareschi@fastwebnet.it>
Message-ID: <RP9in.124027$813.56771@tornado.fastwebnet.it>
Source record: 1380

I need a schematic for card audio 6187105001 CI 73143 for Collins 651s1.
Thank you Daniele I2UJJ

211. CODAN-9360 help

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-28 15:00:25 UTC
From: Stevez <Xstelvio.zoffoliY@tin.it>
Message-ID: <4b8a8502$0$1114$4fafbaef@reader4.news.tin.it>
Source record: 1381

Hi, I am a radio-ham
I have a surplus Codan 9360 with his automatic antenna and find someone that can give me an answer to the following question :
* it is a way to open the TX frequency setup and store and display the frequency in TX mode?.(may be replacing the original SW or adding a supplementary RAM).

Today in "free receiver" position I tune my RX frequency (...7050,00 KHz...), I tuch one time "Emergency Call" in the control panel and then use the microphone to transmit, but I can't see the transmission frequency. Really I see the previous channel frequency (may be 6250 KHz...or other...) that haven't effect during transmission and reception after the above setup...
If I turn the Select knob or press the Mode button all TRX is reset to previous channel mode and frequency...and I can repeat the procedure to set my TX frequency or I loose it.
At disposal for moredetails.
All yours suggestions will be appreciated.
'73
regards
Stevez

212. SB110A/ HP23 for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-28 16:43:50 UTC
From: George Csahanin <georgec@lintv.com>
Message-ID: <hme6ga$165$1@news.eternal-september.org>
Source record: 1382
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap

Not auction...

Clean for its age. looks non-smoking.

Pictures: (click on image for big image...)

http://dyb.com/radios/radios/1.html

http://dyb.com/radios/radios/2.html

http://dyb.com/radios/radios/3.html

details:

HEATHKIT SB-110A S/N:28839

HEATHKIT HP-23

Radio checks out at 96 watts out in tune, 102watts peak SSB

Aligned calibrator

Adjusted bias, ALC, S-Meter

LSB carried osc is flaky, and does not work most of the time, LSB is almost never used on 6 meters. Tapping on the crystal seems to bring it back.

Receiver hears .1uV.

PTT is odd, unless rig is in VOX mode. Might be V5B 6AZ8, Relay amplifier.

Surplus Sales of Nebraska has more 11 pin sockets/recepticals for the power connector.

All controls and switches need cleaning.

Included is CDROM with manual copy of rig and most of the available power supplies.

HP-23 needs (and is) to be set to the lower voltage. (rotary switch on side of supply)

Power supply was brought up slowly with variac. (unit sat for a few years. Ran it four hours after bringing it back up)

$325 plus shipping from 78701

Paypal. Money order, cash if picked up.

Domestic/USA sales only.

--
George J Csahanin
W2DB
Cedar Park, TX

213. Re: SB110A/ HP23 for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-02-28 16:48:43 UTC
From: George Csahanin <georgec@lintv.com>
Message-ID: <hme6ph$32v$1@news.eternal-september.org>
Source record: 1383
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap

Don't post often , zoned out, and the original has wrong e-mail...

Send responses to georgec at dyb dot com.
or

georgec at w2db dot com

if need to call 512-401-2630

Prefer e-mail

"George Csahanin" <georgec@lintv.com> wrote in message
news:hme6ga$165$1@news.eternal-september.org...
> Not auction...
>
> Clean for its age. looks non-smoking.
>
> Pictures: (click on image for big image...)
>
> http://dyb.com/radios/radios/1.html
>
> http://dyb.com/radios/radios/2.html
>
> http://dyb.com/radios/radios/3.html
>
> details:
>
>
>
> HEATHKIT SB-110A S/N:28839
>
>
>
> HEATHKIT HP-23
>
>
>
> Radio checks out at 96 watts out in tune, 102watts peak SSB
>
>
>
> Aligned calibrator
>
>
>

> Adjusted bias, ALC, S-Meter
>
>
>
> LSB carried osc is flaky, and does not work most of the time, LSB is
> almost never used on 6 meters. Tapping on the crystal seems to bring it
> back.
>
>
>
> Receiver hears .1uV.
>
>
>
> PTT is odd, unless rig is in VOX mode. Might be V5B 6AZ8, Relay amplifier.
>
>
>
> Surplus Sales of Nebraska has more 11 pin sockets/recepticals for the
> power connector.
>
>
>
> All controls and switches need cleaning.
>
>
>
> Included is CDROM with manual copy of rig and most of the available power
> supplies.
>
>
>
> HP-23 needs (and is) to be set to the lower voltage. (rotary switch on
> side of supply)
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>
>
> Power supply was brought up slowly with variac. (unit sat for a few years.
> Ran it four hours after bringing it back up)
>
>
> $325 plus shipping from 78701
>
> Paypal. Money order, cash if picked up.
>
> Domestic/USA sales only.
>
> --
> George J Csahanin
> W2DB

> Cedar Park, TX
>

214. WJ 8617B not saving settings when powered OFF

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-01 11:55:52 UTC
From: olfart <olfart65@excite.com>
Message-ID: <7v1o8eF9vpU1@mid.individual.net>
Source record: 1384

My WJ 8618B will save all settings....freq, BW, etc when power is turned OFF and then back ON again. I also have a WJ 8617A that does not save the settings. When it is turned OFF and then ON again the settings return to 20mhz AM setting. Can I get this radio to retain stored settings when powered OFF and then back ON again?
Thx

215. Lady Doctors Sexy naked body’s Photos

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-02 22:55:12 UTC
From: gfgfgf <resourts51@gmail.com>
Message-ID: <c8b892d2-4f5f-4d38-9017-fe2e12d670c1@u5g2000prd.googlegroups.com>
Source record: 1385

Lady Doctors Sexy naked body’s Photos

http://beautiful-hot-girls-photo.blogspot.com

216. Re: Home Made Coil Dope AKA Q-Dope

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-03 08:32:13 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <dYGdnfE_rroMgxPWnZ2dnUVZ_jKdnZ2d@earthlink.com>
Source record: 1386

"David Griffith" <davidmylastname@acm.org> wrote in message
news:hm9dhm$ol0$1@frotz.eternal-september.org...
> Richard Knoppow <dickburk@ix.netcom.com> wrote:
>
>>> I have a half-pint mason jar that started with a third
>>> of MEK. I fed
>>> it one and a half letter-sized inch-thick slabs of foam
>>> and it's
>>> still not done.
>
>> I started with about half the jar filled with MEK. Since
>> I used
>> styrofoam the displacement of the material before it
>> dissolves is much
>> greater than after because so much of it is air. The
>> first pieces
>> dissolved very quickly, in fact it looked like
>> Alka-Seltzer
>> dissolving. Toward the end it took a few minutes for each
>> additional
>> piece to dissolve. The total amount is amazing until you
>> remember that
>> its mostly air. After the first flurry of very quick
>> solution I added
>> pieces about twice a day and just let it alone between
>> times. Of
>> course with the cap on, MEK will evaporate very quickly.
>
> I stirred mine with a screwdriver and finished it in a
> couple nights.
> Watching the first few chunks dissolve was rather amusing.
>
> I don't know what sort of lid you used on the jar, but MEK
> softened up
> the sealing compound. Based on what I found on a website
> on what sort
> of gloves to use with MEK, I think butyl rubber caulk
> would be good to
> keep the solvent from seeping out. Dissolve off the rest
> of the sealing
> compound, then apply the caulk in its place. While you're
> waiting for
> the caulk to cure, some foil on the jar should keep the
> MEK in place.

> Or, even better, prepare the lid before mixing up the
> dope.
>
>
> --
> David Griffith
> davidmylastname@acm.org <--- Put my last name where it
> belongs

Actually, I am not sure what the lid and gasket are
made of. This was a jar I bought at a local chemical supply
house that is now out of business (and sorely missed). I
tested both the cap and gasket with MEK before using the
jar, they seemed to be immune to it. Your suggestion about
using aluminum foil as a cap liner is a good one.
I just did a Google search for gloves suitable for use
with MEK and found a chart showing a variety of chemicals
and recommended gloves for use with them at:

http://msds.chem.ox.ac.uk/glovesbychemical.html

This lists teflon and butyl rubber as suitable for MEK.

--

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

217. Re: WJ 8617B not saving settings when powered OFF

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-03 16:56:26 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <x5qdne8aU8QhCRPWnZ2dnUVZ_uidnZ2d@giganews.com>
Source record: 1387

olfart wrote:
> My WJ 8618B will save all settings....freq, BW, etc when power is turned OFF
> and then back ON again. I also have a WJ 8617A that does not save the
> settings. When it is turned OFF and then ON again the settings return to
> 20mhz AM setting. Can I get this radio to retain stored settings when
> powered OFF and then back ON again?

Hi,

You might try joining the "Premium Rx" group:
http://mailman.qth.net/mailman/listinfo

Quite a few Watkins-Johnson owners there.

73,
Ed Knobloch

218. Re: WJ 8617B not saving settings when powered OFF

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-03 17:43:58 UTC
From: olfart <olfart65@excite.com>
Message-ID: <7v7lc0FpbuU1@mid.individual.net>
Source record: 1388

I already am a member of Premium RX, but tnx for the reply. I figured the radio had a backup battery, but couldn't find it. Found my answer on Premium RX....installed missing battery and now all OK
"Edward Knobloch" <alias@nowhere.net> wrote in message news:x5qdne8aU8QhCRPWnZ2dnUVZ_uidnZ2d@giganews.com...
> olfart wrote:
>> My WJ 8618B will save all settings....freq, BW, etc when power is turned
>> OFF and then back ON again. I also have a WJ 8617A that does not save the
>> settings. When it is turned OFF and then ON again the settings return to
>> 20mhz AM setting. Can I get this radio to retain stored settings when
>> powered OFF and then back ON again?
>
> Hi,
>
> You might try joining the "Premium Rx" group:
> http://mailman.qth.net/mailman/listinfo
>
> Quite a few Watkins-Johnson owners there.
>
> 73,
> Ed Knobloch

219. Re: WJ 8617B not saving settings when powered OFF

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-03 21:25:22 UTC
From: richgr@panix.com
Message-ID: <hmmk42hpp1@reader1.panix.com>
Source record: 1389

In article <7v1o8eF9vpU1@mid.individual.net>,
olfart <olfart65@excite.com> wrote:
>My WJ 8618B will save all settings....freq, BW, etc when power is turned OFF
>and then back ON again. I also have a WJ 8617A that does not save the
>settings. When it is turned OFF and then ON again the settings return to
>20mhz AM setting. Can I get this radio to retain stored settings when
>powered OFF and then back ON again?

Look at both radios and see if you can find a small battery (similar to
those on a PC's motherboard for instance). If so the one in the 8617A
is dead. A large capacitor could also hold enough juice for a few days
of memory, but this is less likely than a battery. If the 8617A has no
battery and the 8618B does, perhaps you could copy the battery
connections into the 8617A.

--
Rich Greenberg N Ft Myers, FL, USA richgr atsign panix.com + 1 239 543 1353
Eastern time. N6LRT I speak for myself & my dogs only. VM'er since CP-67
Canines:Val, Red, Shasta & Casey (RIP), Red & Zero, Siberians Owner:Chinook-L
Retired at the beach Asst Owner:Sibernet-L

220. FA: Squirrel cage blower, Western Gear Corp, 200 VAC 400 Hz, NIB

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-04 09:07:20 UTC
From: WKW <worley45@aol.com>
Message-ID: <Xns9D311FC181D50worley45aolcom@216.196.97.130>
Source record: 1390
Cross-posted to: misc.industry.electronics.marketplace,rec.radio.swap,rec.radio.amateur.boatanchors

Squirrel cage type blower, still sealed in original foil wrap, military
surplus. It runs on 200 VAC, 3-phase 400 Hz, and at 6000 rpm.
Made by Western Gear Corp, Applied Technology Division.
Several available, see (updated) link below.
http://us.ebid.net/perl/auction.cgi/25886614
(no listing fees on www.ebid.net)

221. Re: National NC-88 questions

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-04 17:30:32 UTC
From: Jon Teske <jdteske@verizon.net>
Message-ID: <q0rvo51db4nvejicf1qv8vpb5u3fje6s90@4ax.com>
Source record: 1391

On Fri, 26 Feb 2010 23:16:48 -0400, Bill M <radioexray@geeeemail.com>
wrote:

>Richard Knoppow wrote:
>
>>
>> All of this points to something in the
>> detector/avc/noise limiter area.
>
>A big ole DUH for me. ANL switch was open in either position. Amazing
>any audio got through at all.
>
>Sounds pretty normal now.
>
>-Bill

I think we've all had our DUH moments. Mine had to do with an HQ-145
which was given to me when I bought a Heath SB-200 from a ham who was
selling the stuff on behalf of an estate from a deceased ham. He said
it didn't work...and it didn't. I recapped it after an inital "smoke
test" was positive. I also bough a 3rd part reproduction manual for
it.

Several instances of cursory testing didn't improve matters and the
receiver was set aside for other matters. Later when I noticed some
minor varients between my receiver and the schematic, I downloaded
another schematic and noted that this new schematic had a note on
it that my orignal schematic did not have. The note said that you
have to have either a send receive relay in place or you have to
jumper the line cord socket on the back panel intended for the
send-receive relay. Otherwise, the receiver will think it is set to be
deadened for transmission. I quickly ginned up a jumper, plugged it
in and of course the receiver worked perfectly. But talk about
feeling dumb.

I think I lost the import of that connection in my tracing the circuit
through some switching.

We all do it.

Jon W3JT

222. Re: Building a replica Hallicrafters R-12 console speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-05 01:53:49 UTC
From: Phil Nelson <http>
Message-ID: <ws6dnVVPCYyp-Q3WnZ2dnUVZ_vCdnZ2d@giganews.com>
Source record: 1392

> Are you the person to whom I sent some dimensions of the R-12, a year
> or so ago?

Possibly. I had a computer crash last year and lost loads of email, much to
my dismay.

Phil

223. B&W Model 80 T-R switch

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-05 23:10:55 UTC
From: "Jay, AA4FL" <drjay@gatordental.com>
Message-ID: <c0553149-4ce2-45a1-a3dc-81ffa38f27fb@q23g2000yqd.googlegroups.com>
Source record: 1393

Is anyone familiar with this TR switch? I was given one and it is designed with only two SO-239, one marked for receiver, and one for antenna. Can anyone explain this to me or supply a manual/schematic,

TNX,

73, Jay AA4FL

224. Re: B&W Model 380 T-R switch

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-05 23:13:44 UTC
From: "Jay, AA4FL" <drjay@gatordental.com>
Message-ID: <7c4804b0-b303-4f90-9f0f-934879b2ff9d@k17g2000yqb.googlegroups.com>
Source record: 1394

On Mar 5, 6:10 pm, "Jay, AA4FL" <dr...@gatordental.com> wrote:
> Is anyone familiar with this TR switch? I was given one and it is
> designed with only two SO-239, one marked for receiver, and one for
> antenna. Can anyone explain this to me or supply a manual/schematic,
>
> TNX,
>
> 73, Jay AA4FL

225. Re: B&W Model 380 T-R switch

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-06 03:01:36 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <KryndndO9qMQWAzWnZ2dnUVZ_sWdnZ2d@giganews.com>
Source record: 1395

Jay, AA4FL wrote:
> On Mar 5, 6:10 pm, "Jay, AA4FL" <dr...@gatordental.com> wrote:
>> Is anyone familiar with this TR switch? I was given one and it is
>> designed with only two SO-239, one marked for receiver, and one for
>> antenna. Can anyone explain this to me or supply a manual/schematic,

Hi, Jay

I have a B&W 380B electronic TR switch which looks as you describe.
You use a series UHF coax T-Connector mounted on the "Antenna" terminal
of the TR switch. One end of the T goes to the Transmitter,
the other end to the antenna. The "Receiver" terminal
gets a coax line right to the receiver.

It's also possible to use the TR switch between a separate
receiver antenna and the receiver.

I have no paperwork. B&W advertised it as good for a KW A.M.
on the HF bands.

The 380B uses a single tube, type 6AH6 pentode.
Mine required replacement of the two electrolytic
capacitors in the power supply, and the 1K resistor
from the power supply B+ to the tube.
The Selenium rectifier was OK.
There's a large bifilar choke under the chassis for the 6AH6
heater line, and a smaller ferrite rf transformer above
the chassis feeding the receiver. The 6AH6 rf amplifier
circuit is untuned. The 1.2 Meg grid resistor
furnished cutoff bias when the transmitter is on.

Don't forget to use a low pass TVI filter between the TR switch
and antenna.

The coax length between the TR switch and the transmitter should be
as short as possible, to minimize "suck out" effects -
possibly desensitizing the receiver at certain settings
of the final pi network.

Also, the transmitter and/or amplifier should be biased
to cutoff during receive, to minimize noise.

I added a fuse in the power cord -
the unit was originally unfused.

73,
Ed Knobloch

226. SX-28 Sensitivity

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-06 18:40:07 UTC
From: Hank <foglesong@montrose.net>
Message-ID: <a936ec83-4c9c-4054-9537-dfc73c26ffe8@e1g2000yqh.googlegroups.com>
Source record: 1396

I am restoring an old Hallicrafters SX-28 and have one remaining issue that I need to resolve -- poor sensitivity on the upper bands, which appears to be related to very poor signal transfer from the antenna to the grid of the first RF amplifier tube. IF stages appear to be functioning well. I have signal voltage readings (oscilloscope) for all of the inputs and outputs from the antenna to the output of the mixer, but have no baseline to which I can compare my readings.

If someone is familiar with the SX-28 and the relative signal intensities that I should be seeing at the various RF stages, please contact me via e-mail so that I can discuss this.

Thank you!!

227. test - please ignore

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-06 22:03:57 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <MfydnaJj4IDOTA_WnZ2dnUVZ_qudnZ2d@giganews.com>
Source record: 1397

testing 1, 2, 3...

228. Re: B&W Model 380 T-R switch

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-07 15:13:39 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4b93c2a7$0$1102$4fafbaef@reader4.news.tin.it>
Source record: 1398

>>> Can anyone explain this to me or supply a manual/schematic,

On:

http://www2.faculty.sbc.edu/kgrimm/boatanchor/b&w.htm

you will find the 380 diagram and the 381 user manual.

73

Tony I0JX

229. Re: SX-28 Sensitivity

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 03:04:52 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <8a5e3d5b-376c-4398-86c1-9837e1b0956e@g4g2000yqa.googlegroups.com>
Source record: 1399

On Mar 6, 1:40 pm, Hank <fogles...@montrose.net> wrote:
> I am restoring an old Hallicrafters SX-28 and have one remaining issue
> that I need to resolve -- poor sensitivity on the upper bands, which
> appears to be related to very poor signal transfer from the antenna to
> the grid of the first RF amplifier tube. IF stages appear to be
> functioning well. I have signal voltage readings (oscilloscope) for
> all of the inputs and outputs from the antenna to the output of the
> mixer, but have no baseline to which I can compare my readings.
>
> If someone is familiar with the SX-28 and the relative signal
> intensities that I should be seeing at the various RF stages, please
> contact me via e-mail so that I can discuss this.
>
> Thank you!!

Is the oscillator voltage holding up on the higher bands? Check the
self-generated oscillator tube grid bias voltage with a high-
impedance, low capacitance probe to a VTVM or DMM on DC volts range.
Compare measurement to that on the lower bands.
Cheers,
Roger

230. Scrounging for some old parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 03:09:14 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hn1pp902ade@news3.newsguy.com>
Source record: 1400
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

Need some items for a project. Check your junkboxes!

1. Meter, 250ma, round black, 3-1/4 or 3-1/2 OD, similar to Weston 301, etc.

2. Qty 2 of 1000pf (.001) domino-type mica caps. Small, low voltage ones.

3. Asstd old style 'dogbone' type carbon resistors. Could use a couple each of 10k, 50k, 75k, 1 and/or 2 watters. Don't necessarily have to be exactly within tolerance. I have some wiggle room :)

4. Tappable ceramic wirewound bleeder resistor. 50 to 75k more or less, 20-25 watts.

Thanks in advance,

Bill WX4A
radioexray@gmail.com

231. Re: SX-28 Sensitivity

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 14:37:19 UTC
From: Ed Engelken <EdEngel@gvtc.com>
Message-ID: <dba4f596-b747-4978-8a17-0b7c1120d140@d2g2000yqa.googlegroups.com>
Source record: 1301

> Is the oscillator voltage holding up on the higher bands? Check the
> self-generated oscillator tube grid bias voltage with a high-
> impedance, low capacitance probe to a VTVM or DMM on DC volts range.
> Compare measurement to that on the lower bands.
> Cheers,
> Roger
==========
That is a good suggestion. I ended up putting a 6SB7Y in the local
oscillator position in my SX-28 to get reliable operation on band 6
(21-43 Mc.). It doesn't hurt to use a 6SB7Y in the mixer position
either. Even with that, the sensitivity on band 6 is not up to the
lower bands. --Ed

232. Re: Scrounging for some old parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 17:01:19 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <2680f0fd-43fb-4d31-87d3-37f635cd9602@t31g2000prh.googlegroups.com>
Source record: 1302
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

On Mar 7, 7:09 pm, Bill M <radioex...@geeeemail.com> wrote:
> Need some items for a project. Check your junkboxes!
>
> 1. Meter, 250ma, round black, 3-1/4 or 3-1/2 OD, similar to Weston 301,
> etc.
>
> 2. Qty 2 of 1000pf (.001) domino-type mica caps. Small, low voltage ones.
>
> 3. Asstd old style 'dogbone' type carbon resistors. Could use a couple
> each of 10k, 50k, 75k, 1 and/or 2 watters. Don't necessarily have to be
> exactly within tolerance. I have some wiggle room :)
>
> 4. Tappable ceramic wirewound bleeder resistor. 50 to 75k more or
> less, 20-25 watts.
>
> Thanks in advance,
>
> Bill WX4A
> radioex...@gmail.com

New or used?

Paul, KD7HB

233. Re: Scrounging for some old parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 18:24:49 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hn3fdi0frt@news3.newsguy.com>
Source record: 1303
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

pdrahn@coinet.com wrote:

>
> New or used?
>
> Paul, KD7HB

Used would be fine.

-Bill

234. Pyrex glass aeriall insulators

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 18:30:21 UTC
From: AR88 Enthusiast <nospam@here.com>
Message-ID: <4b954242$1@dnews.tpgi.com.au>
Source record: 1304
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

Talking of dogbones, I am looking fora couple of those Pyrex glass aerial insulators of the 1940-1960 era. Not the big ones but the ones about 100 mm long. Anyone got a couple?

Alan VK2DRR

235. Re: FS***COLLINS 30K-1 and 310A-1***

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 18:33:45 UTC
From: AR88 Enthusiast <nospam@here.com>
Message-ID: <4b95430e$1@dnews.tpgi.com.au>
Source record: 1305

"W6ON" <stan@radiodustcovers.com> wrote in message
news:a75d04af-083e-4c96-a193-03d2b08fa462@s36g2000prh.googlegroups.com...
>I am selling this Collins 30K-1 transmitter for a friend of mine. Unit
> is located in Seattle WA area. Pick up is preferred or it can be
> crated and shipped at buyers expense. Comes with the 310A-1 exciter
> but the exciter is not exciting the transmitter. Tube(s) ?? Turns on
> and seems to work fine other then output. This is ser. # 11 on the
> xmitter. It was restored by Bob Sullivan and more info and pics can be
> seen on my website: http://www.radiodustcovers.com/30K-1.html with
> links to Bob Sullivan's site and this transmitter.
> The transmitter is currently set up for mono band operation but no
> permanent mods are done so it can be restored to multi-band operation
> fairly easily...this will be done by the new owner.
> Comes with the ORIGNAL manual! Price is $14,500.00 or best offer.
> Contact me for more info. Take care,Stan W6ON

Looks good, but would look even better if the photos on the site were in
proportion. Could that be fixed?

236. Re: Pyrex glass aeriall insulators

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 18:58:06 UTC
From: kludge@panix.com
Message-ID: <hn3hbu$i23$1@panix2.panix.com>
Source record: 1306
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

In article <4b954242$1@dnews.tpgi.com.au>,
AR88 Enthusiast <nospam@here.com> wrote:
>Talking of dogbones, I am looking fora couple of those Pyrex glass aerial
>insulators of the 1940-1960 era. Not the big ones but the ones about 100 mm
>long. Anyone got a couple?

They're too expensive! Use a glass cutter to cut the end off a soda bottle
and use the glass loop as your insulator!
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

237. Re: Scrounging for some old parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 19:06:31 UTC
From: Ken <wklwns@cox.net>
Message-ID: <3Tbln.16974$ND2.13176@newsfe05.iad>
Source record: 1307
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

Bill M wrote:
> Need some items for a project. Check your junkboxes!
>
> 1. Meter, 250ma, round black, 3-1/4 or 3-1/2 OD, similar to Weston 301,
> etc.
>
> 2. Qty 2 of 1000pf (.001) domino-type mica caps. Small, low voltage ones.
>
> 3. Asstd old style 'dogbone' type carbon resistors. Could use a couple
> each of 10k, 50k, 75k, 1 and/or 2 watters. Don't necessarily have to be
> exactly within tolerance. I have some wiggle room :)
>
> 4. Tappable ceramic wirewound bleeder resistor. 50 to 75k more or
> less, 20-25 watts.
>
> Thanks in advance,
>
> Bill WX4A
> radioexray@gmail.com
Looks like it's time to go to a radio meet and junk up. Ken

238. test

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-08 20:55:56 UTC
From: radio1
Message-ID: <oroap55qcfa6npnkfr3n2h4pi5s5emakcr@4ax.com>
Source record: 1308

```
test. please ignore
```

239. Re: Scrounging for some old parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-09 01:52:47 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <4eab06ae-8848-4a7f-b8ef-b287a7f220f9@k18g2000prf.googlegroups.com>
Source record: 1309
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

On Mar 8, 10:24 am, Bill M <radioex...@geeeemail.com> wrote:
> pdr...@coinet.com wrote:
>
> > New or used?
>
> > Paul, KD7HB
>
> Used would be fine.
>
> -Bill

Checked this evening and you are about 35 years too late. what I do
have are way different values. Lone meter is too small.

Now, if you need some 1206 smt resistors or capacitors, I have dozens
of reels.

Paul, KD7HB

240. Re: FS***COLLINS 30K-1 and 310A-1***

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-09 05:54:01 UTC
From: AR88 Enthusiast <nospam@here.com>
Message-ID: <4b95e280$1@dnews.tpgi.com.au>
Source record: 1310

"AR88 Enthusiast" <nospam@here.com> wrote in message
news:4b95430e$1@dnews.tpgi.com.au...
>
> "W6ON" <stan@radiodustcovers.com> wrote in message
> news:a75d04af-083e-4c96-a193-03d2b08fa462@s36g2000prh.googlegroups.com...
>>I am selling this Collins 30K-1 transmitter for a friend of mine. Unit
>> is located in Seattle WA area. Pick up is preferred or it can be
>> crated and shipped at buyers expense. Comes with the 310A-1 exciter
>> but the exciter is not exciting the transmitter. Tube(s) ?? Turns on
>> and seems to work fine other then output. This is ser. # 11 on the
>> xmitter. It was restored by Bob Sullivan and more info and pics can be
>> seen on my website: http://www.radiodustcovers.com/30K-1.html with
>> links to Bob Sullivan's site and this transmitter.
>> The transmitter is currently set up for mono band operation but no
>> permanent mods are done so it can be restored to multi-band operation
>> fairly easily...this will be done by the new owner.
>> Comes with the ORIGNAL manual! Price is $14,500.00 or best offer.
>> Contact me for more info. Take care,Stan W6ON
>
> Looks good, but would look even better if the photos on the site were in
> proportion. Could that be fixed?
Linked site is OK!

241. Drake R8B FS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-09 22:38:38 UTC
From: r392 <r392@nep.net>
Message-ID: <nfudnRiQuu5wUAvWnZ2dnUVZ_hSdnZ2d@posted.nepnet>
Source record: 1311

I have an excellent condition Drake r8B FS its been boxed for the last 5
years. I did test on the service monitor and used it for a week to check it
out. performs as new. I am the original owner and bought it from Universal
back when they announced they were going to D/c the units.
I had a spinner knob put on it. That's the only mod Universal put the VHF
unit in it for me.
$1500 plus shipping
Doug N2PLR

--
r392@nep.net

242. Re: Scrounging for some old parts (FOUND)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 00:07:47 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hn6nsj06h@news7.newsguy.com>
Source record: 1312
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

pdrahn@coinet.com wrote:
> On Mar 8, 10:24 am, Bill M <radioex...@geeeemail.com> wrote:
>> pdr...@coinet.com wrote:
>>
>>> New or used?
>>> Paul, KD7HB
>> Used would be fine.
>>
>> -Bill
>
> Checked this evening and you are about 35 years too late. what I do
> have are way different values. Lone meter is too small.
>
> Now, if you need some 1206 smt resistors or capacitors, I have dozens
> of reels.
>
> Paul, KD7HB

I've located all the parts I needed. Thanks guys.

-Bill

243. Re: Scrounging for some old parts (FOUND)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 00:23:40 UTC
From: Jeffrey D Angus <jangus@suddenlink.net>
Message-ID: <hn6oqe048m@news3.newsguy.com>
Source record: 1313
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

Bill M wrote:
> I've located all the parts I needed. Thanks guys.

You are of course, going to show us pictures of what you
did with them when you're finished. Right? Or no more parts
for you. ;-)

Jeff

--
ï¿½Egotism is the anesthetic that dulls the pain of stupidity.ï¿½
Frank Leahy, Head coach, Notre Dame 1941-1954

http://www.stay-connect.com

244. Re: Scrounging for some old parts (FOUND)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 01:13:44 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hn6roj02na@news7.newsguy.com>
Source record: 1314
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

Jeffrey D Angus wrote:
> Bill M wrote:
>> I've located all the parts I needed. Thanks guys.
>
> You are of course, going to show us pictures of what you
> did with them when you're finished. Right? Or no more parts
> for you. ;-)
>
> Jeff

Actually its a rehash of an earlier project that didn't live up to expectations.

Pic at: http://www.sparkbench.com/xmtr030510-2.jpg

Its kind of tacked together as a 'prototype' in the photo. Now that I've got it fairly well tweaked out its time to rebuild it properly and replace the new parts with some OLD parts :) Dropped a large dime at PTOP today.

6AG7 VFO!!!, 42 Buffer/Doubler, 807 PA. 0D3 regulator. Showing about 15 watts out on 40 with a clean enough signal to put on the air.

-ex

245. Re: Scrounging for some old parts (FOUND)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 03:14:57 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <d3d4b4f8-16d7-432d-af3f-1e6d1eaaf393@a10g2000pri.googlegroups.com>
Source record: 1315
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

On Mar 9, 5:13 pm, Bill M <radioex...@geeeemail.com> wrote:
> Jeffrey D Angus wrote:
> > Bill M wrote:
> >> I've located all the parts I needed. Thanks guys.
>
> > You are of course, going to show us pictures of what you
> > did with them when you're finished. Right? Or no more parts
> > for you. ;-)
>
> > Jeff
>
> Actually its a rehash of an earlier project that didn't live up to
> expectations.
>
> Pic at: http://www.sparkbench.com/xmtr030510-2.jpg
>
> Its kind of tacked together as a 'prototype' in the photo. Now that
> I've got it fairly well tweaked out its time to rebuild it properly and
> replace the new parts with some OLD parts :) Dropped a large dime at
> PTOP today.
>
> 6AG7 VFO!!!, 42 Buffer/Doubler, 807 PA. 0D3 regulator. Showing about
> 15 watts out on 40 with a clean enough signal to put on the air.
>
> -ex

That is WAY-WAY cool!
Paul, KD7HB

246. FS***CUSTOM DUST COVERS for most Ham gear***

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 18:17:13 UTC
From: W6ON <stan@radiodustcovers.com>
Message-ID: <f8d5e540-fc1f-431f-b155-8ceaed44e81d@l24g2000prh.googlegroups.com>
Source record: 1316

I mfg. custom dust covers for just about any and all Ham gear from the 1930's to present. Plus home brew, PC, and A/V equipment. Please visit my website: www.radiodustcovers.com for more info, pictures,etc. I am currently running a sale
on all amplifier covers.

Take care,Stan W6ON

247. Re: Scrounging for some old parts (FOUND)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 19:47:44 UTC
From: AR88 Enthusiast <nospam@here.com>
Message-ID: <4b97f775@dnews.tpgi.com.au>
Source record: 1317
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

Lovely stuff! But what is the cloth in the backgound for? To keep the
valves warm and thus enhance frequency stability? :)

"Bill M" <radioexray@geeeemail.com> wrote in message
news:hn6roj02na@news7.newsguy.com...
> Jeffrey D Angus wrote:
>> Bill M wrote:
>>> I've located all the parts I needed. Thanks guys.
>>
>> You are of course, going to show us pictures of what you
>> did with them when you're finished. Right? Or no more parts
>> for you. ;-)
>>
>> Jeff
>
> Actually its a rehash of an earlier project that didn't live up to
> expectations.
>
> Pic at: http://www.sparkbench.com/xmtr030510-2.jpg
>
> Its kind of tacked together as a 'prototype' in the photo. Now that I've
> got it fairly well tweaked out its time to rebuild it properly and replace
> the new parts with some OLD parts :) Dropped a large dime at PTOP today.
>
> 6AG7 VFO!!!, 42 Buffer/Doubler, 807 PA. 0D3 regulator. Showing about 15
> watts out on 40 with a clean enough signal to put on the air.
>
> -ex

248. Re: Scrounging for some old parts (FOUND)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 22:03:47 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hn95030223r@news3.newsguy.com>
Source record: 1318
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

AR88 Enthusiast wrote:
> Lovely stuff! But what is the cloth in the backgound for? To keep the
> valves warm and thus enhance frequency stability? :)

Thats a time-honoured photographic technique called HBC. Hiding
Background Clutter.

:)

Bill

249. Re: Scrounging for some old parts (FOUND)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-10 23:48:37 UTC
From: "Michael A. Terrell" <mike.terrell@earthlink.net>
Message-ID: <4B982FD5.DED2FC5E@earthlink.net>
Source record: 1319
Cross-posted to: rec.antiques.radio+phono,rec.radio.amateur.boatanchors

```
Bill M wrote:
>
> AR88 Enthusiast wrote:
> > Lovely stuff! But what is the cloth in the backgound for? To keep the
> > valves warm and thus enhance frequency stability? :)
>
> Thats a time-honoured photographic technique called HBC. Hiding
> Background Clutter.

IOW, you didn't want to clean your bench. ;-)

--
Greed is the root of all eBay.
```

250. More NC-88 - alignment

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-12 03:00:55 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hncapl010e6@news6.newsguy.com>
Source record: 1320

Hi guys,

Just thought I'd share a story. I've had the little NC-88 running fine for a while now and decided its time for alignment. Everything went smoothly until I hit Band D.

Band D uses low-side injection and by following the instructions it tuned up just as it should. Dial readout was right on the money, counter confirmed the LO frequency was correct. However, I was getting strongest reception on the image. Went back and forth a few times. The range of the L and C really won't allow you to tune it to the other side.

Then I noticed the Antenna trim control was fully open when peaking the correct signal. It was in the 'authority' range of peaking on the upper image and thats why it seemed to be better there. So I spread the turns on the antenna coil as much as I could and that brought it into range of the Ant trimmer adjustment.

Peaks like it should now and actually has some image REJECTION on Band D. I like simple fixes although it took me a while to ascertain if I was doing something stoopid like before :)

-Bill WX4A/KP4

251. test

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-12 21:58:26 UTC
From: hallicrafter@collins.net
Message-ID: <26elp5t5mjldb9a60302kbqbuuhag7mrm7@4ax.com>
Source record: 1321

```
test - please ignore
```

252. Einstein's Biggest Blunder - - Wasn't????

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-13 19:14:42 UTC
From: fitz <zeusrdx@yahoo.com>
Message-ID: <1ea8f36a-e4b3-4dad-93ae-ada141770dfe@q23g2000yqd.googlegroups.com>
Source record: 1322

Einstein's Biggest Blunder - - Wasn't????

a bit more light about it

(click link)

http://www.amperefitz.com/einsteins.blunder.htm

Enjoy,

Fitz

253. FA: IMC Magnetics Corp 3" dia 400 Hz cooling fan (new link)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-14 19:30:01 UTC
From: WKW <worley45@aol.com>
Message-ID: <Xns9D3B93806FC6Fworley45aolcom@216.196.109.144>
Source record: 1323
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,misc.industry.electronics.marketplace

Mil surplus 3" dia. 115 VAC 400 Hz.equipment cooling fan. Made by IMC Magnetics Corp. model IMCool 300. Speed is 13,000 rpm, 0.23 A current. More available, all tested. See link below.
http://us.ebid.net/for-sale/power-transformers-22-volt-2-4-amps-26065346.htm
(no listing fees on www.ebid.net)

254. Re: FA: IMC Magnetics Corp 3" dia 400 Hz cooling fan (new link)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-14 19:33:29 UTC
From: WKW <worley45@aol.com>
Message-ID: <Xns9D3B9417712FCworley45aolcom@216.196.109.144>
Source record: 1324
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,misc.industry.electronics.marketplace

WKW <worley45@aol.com> wrote in news:Xns9D3B93806FC6Fworley45aolcom@
216.196.109.144:

> Mil surplus 3" dia. 115 VAC 400 Hz.equipment cooling fan. Made by IMC
> Magnetics Corp. model IMCool 300. Speed is 13,000 rpm, 0.23 A current.
> More available, all tested. See link below.
> http://us.ebid.net/for-sale/power-transformers-22-volt-2-4-amps-
> 26065346.htm
> (no listing fees on www.ebid.net)
>

Here is the correct link:
http://us.ebid.net/for-sale/3-equipment-cooling-fan-115vac-400hz-
26065253.htm

255. FA: 22 volt 2.4 A power transformers, new old stock. (new link)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-14 19:37:39 UTC
From: WKW <worley45@aol.com>
Message-ID: <Xns9D3B94CC05330worley45aolcom@216.196.97.130>
Source record: 1325
Cross-posted to: misc.industry.electronics.marketplace,rec.radio.amateur.boatanchors,rec.radio.swap

http://us.ebid.net/for-sale/power-transformers-22-volt-2-4-amps-6065346.htm
(no listing fees on www.ebid.net)

256. FA: Military radio meter, AN/GRC-106 "TEST" (center) meter FA: Military radio meter, AN/GRC-106 "TEST" (center) meter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-15 05:49:41 UTC
From: VK3XAO <mack@melbpc.org.au>
Message-ID: <489bffdf-10d8-4900-8758-2c64fc227d29@f17g2000prh.googlegroups.com>
Source record: 1326

eBay Item Id: 330414228043. New condition, from Australia. Shipping worldwide.

Thanks for looking

John

257. Re: Manuals needed

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-15 14:44:40 UTC
From: kludge@panix.com
Message-ID: <hnlh4o$r17$1@panix2.panix.com>
Source record: 1327
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.homebrew

In article <4b9e38ce$0$7744$c3e8da3@news.astraweb.com>, <AG5X@arrl.net> wrote:
>I need the assembly and alignment manual(s) for the Knight Kit Star Roamer
>II and the Lafayette BCR-101 receiver. These solid state receivers are of
>1970's vintage. Good clean copies and or clear scans would be appreciated.
>Will pay for copies, reproductions, etc. Thank you & 73 to all

The BAMA manuals aren't good?
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

258. hammerlund 120 forsale.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-16 05:05:52 UTC
From: Dana <dana@panix.com>
Message-ID: <Pine.NEB.4.64.1003160104270.26648@panix2.panix.com>
Source record: 1328
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,rec.radio.amateur.misc

I have one in real good condition. Asking $300 and located in Griffin,
Georgia. E-mail back if interested.

259. Re: WTB: Gen. Cvg. Comm. Rcvrs

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-16 21:09:22 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hnos25020rg@news3.newsguy.com>
Source record: 1329
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.shortwave

AG5X@arrl.net wrote:
> WANTED: Eico Model 711 Space Ranger and Knight Span Master II.
> No basket cases, pls. Reply with pics and asking price to ag5x@arrl.net.
> Also, looking for the 155-470 KHz coil for Knight Ocean Hopper and
> the assembly/alignment manuals for Knight Star Roamer II and
> Lafayette BCR-101and Knight R-195.
>
I could also use a manual for the Knight R-195 should you find one.
Will be happy to pay copy/mail costs.

Thanks,
Bill WX4A

260. Dovetron multipath diversity RTTY Terminal Unit for sale.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-17 01:34:54 UTC
From: visaman <isprins@example.net>
Message-ID: <gqGdnV8-d8pdrD3WnZ2dnUVZ876dnZ2d@telenor.com>
Source record: 1330

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=330414623265&ssPageName=STRK:MESELX:IT

261. FA: Barry shock mounts for cushioning equipment from vibration

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-18 20:37:14 UTC
From: WKW <worley45@aol.com>
Message-ID: <Xns9D3F9EE35F905worley45aolcom@216.196.97.130>
Source record: 1331
Cross-posted to: misc.industry.electronics.marketplace,rec.radio.amateur.boatanchors,rec.radio.swap

I have a lot of barry shock mounts in 3 different sizes. These are used to cushion equipment in vehicles or aircraft where vibration is a problem.
http://us.ebid.net/for-sale/barry-shock-mount-light-weight-single-26337480.htm
http://us.ebid.net/for-sale/barry-shock-mount-medium-weight-single-26337780.htm
http://us.ebid.net/for-sale/barry-shock-mount-heavy-weight-dual-26337825.htm
(no listing fees on www.ebid.net)

262. Hallicrafters SX-28 issue

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-19 13:30:05 UTC
From: Hank <foglesong@montrose.net>
Message-ID: <c7a37bd8-ac91-44af-a43d-ab7c36252040@u5g2000prd.googlegroups.com>
Source record: 1332

I have observed (while monitoring mixer output with an oscilloscope during rf alignment) that the output of the mixer is, at zero beat, about one half of what it is a few KC away from zero beat on all bands. I have successfully performed IF and BFO alignment several times (with the same result each time) and the natural crystal frequency is 455.9 KC.

To me this suggests that the mixer is putting out a signal that is different than the IF frequency, and thus I am losing some sensitivity.

Can anyone suggest if and how I should adjust the local oscillator so as to get maximum signal strength from the mixer at the IF frequency?

263. FS: Microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-19 23:28:57 UTC
From: Eugene Rippen <soundval@muchstuff.com>
Message-ID: <Xns9D40A7AB16144er7373@69.16.186.8>
Source record: 1333

SBE Microphone. Still has the original wrapping on
the cable. Works VG. Has the 5 prong connector.
Looks very good. Regardless of the picture, it has
"SBE" on the front. $20.00 plus $4.90 shipping.
http://www.muchstuff.com/2-5-10/sbemic.JPG

Electro-Voice 600C hand mic. Works good. The paint on it
is really bad. Needs cable. $7.00 plus Cost of shipping 4.5
pounds.
http://www.muchstuff.com/2-5-10/ev600c.JPG
http://www.muchstuff.com/2-5-10/ev600c2.JPG

http://www.muchstuff.com/3-9-10/turner350b.JPG

Shure 444 Controlled Magnetic Microphone.
Works good. Look at pictures. Four prong female
DTMF connector. $35.00 plu shipping charge for
3 pounds.
http://www.muchstuff.com/3-9-10/shure444.JPG
http://www.muchstuff.com/3-9-10/shure444b.JPG
http://www.muchstuff.com/3-9-10/shure444c.JPG
http://www.muchstuff.com/3-9-10/shure444d.JPG

Atlas slim mic on Atlas 12 inch flexible neck. Works
good. Looks good. $49 plus shipping charge for
2.5 pounds.
http://www.muchstuff.com/3-9-10/atlas.JPG
http://www.muchstuff.com/3-9-10/atlas2.JPG
http://www.muchstuff.com/3-9-10/atlas3.JPG
http://www.muchstuff.com/3-9-10/atlas4.JPG

Yaesu YM-24A speaker/mic in original box.
Probably unused. Coiled cable with small 6 prong
male plug. $19.00

I don't ship out of the USA.
PayPal is preferred and PayPal accepts credit cards.
Personal checks and USPS money orders I can Accept.

Eugene Rippen, WB6SZS
Auburn, CA 95603

soundval@muchstuff.com

264. Re: Hallicrafters SX-28 issue

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-20 00:18:19 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <p4Cdnb4AaYvPiTnWnZ2dnUVZ_jSdnZ2d@earthlink.com>
Source record: 1334

"Hank" <foglesong@montrose.net> wrote in message
news:c7a37bd8-ac91-44af-a43d-ab7c36252040@u5g2000prd.googlegroups.com...
>I have observed (while monitoring mixer output with an
>oscilloscope
> during rf alignment) that the output of the mixer is, at
> zero beat,
> about one half of what it is a few KC away from zero beat
> on all
> bands. I have successfully performed IF and BFO alignment
> several
> times (with the same result each time) and the natural
> crystal
> frequency is 455.9 KC.
>
> To me this suggests that the mixer is putting out a signal
> that is
> different than the IF frequency, and thus I am losing some
> sensitivity.
>
> Can anyone suggest if and how I should adjust the local
> oscillator so
> as to get maximum signal strength from the mixer at the IF
> frequency?

I'm not quite sure what you are looking at and what you
mean by zero beat. Normally, to set up an IF with a crystal
filter the test signal, whether at IF frequency or an RF
signal, is adjusted to be right on the crystal frequency.
This can be done using the BFO but not to get zero beat but
to get the maximum output at some convenient audio
frequency. Once this is established the IF transformers are
adjusted for maximum output. Most receivers are set up using
a modulated signal with an audio frequency well within the
pass band of the IF, say 400hz. The IF is adjusted with the
AVC off and the RF or IF level at a minimum so that the RF
gain can stay high. The reason for this is that some IF and
RF stages suffer from some detuning as the AVC voltage is
increased. You want maximum selectivity for weak signals so
they should be set up with a weak signal.
I prefer to set up IFs using an RF signal rather than
direct injection to the mixer because I've found that direct
injection can sometimes detune the stage a little.

--
Richard Knoppow

Los Angeles
WB6KBL
dickburk@ix.netcom.com

265. Giant nixies

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-20 00:51:28 UTC
From: Ralph Cameron <ramcam@magma.ca>
Message-ID: <3a713$4ba41c0a$adce8c3e$8633@PRIMUS.CA>
Source record: 1335

I have Burroughs Giant nixies type B7971 used in early stock exchanges. These come in a 17 pin socket with some hardware and transiostor drivers but they can be bypassed to light the tubes. They give an alpha-numeric display and are somewhat of a novelty. I have five of them with mounting boards. $8 each plus postage from Ottawa ON.

Ralph
VE3BBM

266. Re: Hallicrafters SX-28 issue

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-20 03:53:47 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <Oeedna6C_upQ2znWnZ2dnUVZ_qednZ2d@giganews.com>
Source record: 1336

On 3/19/2010 9:30 AM, Hank wrote:
> I have observed (while monitoring mixer output with an oscilloscope
> during rf alignment) that the output of the mixer is, at zero beat,
> about one half of what it is a few KC away from zero beat on all
> bands. I have successfully performed IF and BFO alignment several
> times (with the same result each time) and the natural crystal
> frequency is 455.9 KC. <snip>

Hi, Hank

I don't have an SX-28, but have done a similar alignment
with an HRO-50. One key thing is to find the "natural crystal
frequency" with the phasing capacitor set to half mesh.
You need to eyeball that capacitor, in case someone slipped
the phasing capacitor knob zero setting over the years.
If necessary, mechanically adjust the phasing control knob
to zero with phasing capacitor at half-mesh.
Then align the BFO coil for the same frequency, with the BFO
capacitor set to half mesh. If necessary,
mechanically adjust the BFO knob
so the BFO knob reads zero with that half-mesh
BFO capacitor setting.

Then use that frequency to align the IF transformers.
On my HRO-50, I wound up with a 457 KHz IF
center frequency.

73,
Ed Knobloch

267. FS: HB Amplifier $300

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-20 17:45:23 UTC
From: Bob Rinaldi W1CNY <w1cny@comcast.net>
Message-ID: <TY6dnbuRPLArlDjWnZ2dnUVZ_uWdnZ2d@giganews.com>
Source record: 1337

Beautiful home-brew amplifier. Pair of 4CX250B's. Floor mounted PS. Plate voltage 1650. 500W out on SSB peaks. Running in class AB1. Weight 50lbs, PS about 65lbs. No shipping, can be picked up in NH, or will meet within a reasonable distance.

All wiring using Teflon coated wire or Belden Hi V rubber insulated. Chassis and cabinet are made from heavy 1/8th inch thick aluminum plate. All cut and filed by hand. All bolts/nuts for chassis and cabinet are stainless steel. Uses full wave bridge circuitry in HI V with K2AW's "Silicon Alley" rectifiers. Step-start circuitry in both HI V supply and amp. New Dayton blower installed last Summer.

PLEASE NOTE: For photos ONLY, contact me at w1cny@comcast.net

For delivery information and operating questions, please contact the owner,
Norm,
WR1W at newoodnh@ne.rr.com
$300

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4960 (20100320) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

268. Collins 651s1 synth vco

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-21 15:36:33 UTC
From: dg <daniele.guareschi@fastwebnet.it>
Message-ID: <22rpn.141836$813.118868@tornado.fastwebnet.it>
Source record: 1338

I search a Synth Vco '7939331-003' for Collins 651s1. Thank you. i2ujj
Daniele

269. Re: Collins 651s1 synth vco

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-21 17:51:44 UTC
From: Firebottle3 <firebottle3@gmail.com>
Message-ID: <bade9aa7-657c-4627-89a2-71ac4d240d79@g11g2000yqe.googlegroups.com>
Source record: 1339

On Mar 21, 10:36 am, "dg" <daniele.guares...@fastwebnet.it> wrote:
> I search a Synth Vco '7939331-003' for Collins 651s1. Thank you. i2ujj
> Daniele

Look here:
http://cgi.ebay.com/Collins-651S-1-Radio-Receiver-Synth-VCO-Board_W0QQitemZ400102031932QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item5d27f0823c

Many other 651-s1 parts also available.

270. Re: FA: Barry shock mounts for cushioning equipment from vibration

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-22 09:29:11 UTC
From: Gregg <gkotr@earthlink.net>
Message-ID: <6b015c14-1750-42e7-b9fd-ccb94e83c1f6@j21g2000yqh.googlegroups.com>
Source record: 1340
Cross-posted to: misc.industry.electronics.marketplace,rec.radio.amateur.boatanchors,rec.radio.swap

On Mar 18, 4:37 pm, WKW <worle...@aol.com> wrote:
> I have a lot of barry shock mounts in 3 different sizes. These are used to
> cushion equipment in vehicles or aircraft where vibration is a
problem.http://us.ebid.net/for-sale/barry-shock-mount-light-weight-single-
> 26337480.htmhttp://us.ebid.net/for-sale/barry-shock-mount-medium-weight-single-
> 26337780.htmhttp://us.ebid.net/for-sale/barry-shock-mount-heavy-weight-dual-
> 26337825.htm
> (no listing fees onwww.ebid.net)

Huh, none of those links worked for me. {?}

271. WANTED: Spilsbury Tindal Documentation

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-22 20:04:06 UTC
From: Norm VE3CZI <rodemi@cogeco.ca>
Message-ID: <%2Qpn.36383$NH1.26603@newsfe14.iad>
Source record: 1341

Am trying to collect as much Documentation on Spilsbury Tindal Radio
Communicaitons radios as I can, to add to my webpage www.rodemi.com before
this information is NO LONGER avaiable.
If you are over 40 Years old, please check your Technical Library.
This Equipment was built by a Canadian for our Wilderness Areas but were
sold all over the world...There are many still in use today.

Tnx...Norm VE3CZI

--
****
Have Surplus Service Manuals & Electronic
Parts/Equipment FOR SALE.
Visit: www.rodemi.com
****

272. WIN FOR EVER

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-25 10:47:46 UTC
From: happyhappy <happylifetoday14@gmail.com>
Message-ID: <ff64c980-bf65-4ed1-ba6f-92b5268a65d6@a37g2000prd.googlegroups.com>
Source record: 1342

http://cancerresearch-vijay.blogspot.com/
http://nutritionhealthnoni.blogspot.com/
http://vijay-forestenjoy.blogspot.com/
http://information-041.blogspot.com/
http://onlineworktamilnadu.blogspot.com/
http://vijay-onlinejob.blogspot.com/
http://online-trading111.blogspot.com/
http://hot-problem.blogspot.com/
http://vijay681.blogspot.com/
http://nutuernoni.blogspot.com/
http://nonisearch2008.blogspot.com

273. Advice from SX-115 owners

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-25 20:10:49 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4babc345$0$1110$4fafbaef@reader2.news.tin.it>
Source record: 1343

In my SX-115, putting the selectivity switch to the widest position (5KHz):

- I see a two S-units drop in the S-meter reading
- selectivity is actually narrower than in the 3 kHz position.

I wonder whether SX-115 owners have same or similar experience.

Looking at the schematic diagram, there are five switch wafers that determine selectivity, two of which switch capacitors and three switch resistors. I have determined that the switch works fine, so I am wondering whether the problem could be due to a mistuning of the 50 kHz IF coils.

Thanks for any advice.

73

Tony I0JX
Rome, Italy

274. Re: Advice from SX-115 owners

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-25 20:44:42 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <dpadnYA3J8jYVjbWnZ2dnUVZ_oidnZ2d@giganews.com>
Source record: 1344

On 3/25/2010 4:10 PM, Antonio Vernucci wrote:
> In my SX-115, putting the selectivity switch to the widest position (5KHz):
> - I see a two S-units drop in the S-meter reading
> - selectivity is actually narrower than in the 3 kHz position.
>
> I wonder whether SX-115 owners have same or similar experience.
<snip>

Hi, Tony

I also realigned my SX-115. Results were excellent on cw and SSB
bandwidths, but the a.m. wide response was disappointing.
There was some very noticeable sensitivity loss in a.m. wide,
but I don't remember it being so much (maybe 1 S/unit).
My receiver is in storage, so I can't check easily.
I thought my problem was the T-notch filter still being
within the a.m. bandwidth. There is no on/off switch for the T-notch,
you just shift it away from where you are listening when not in use.

73,
Ed Knobloch

275. Re: Advice from SX-115 owners

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-25 23:44:52 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4babf56e$0$1104$4fafbaef@reader4.news.tin.it>
Source record: 1345

> Hi, Tony
>
> I also realigned my SX-115. Results were excellent on cw and SSB
> bandwidths, but the a.m. wide response was disappointing.
> There was some very noticeable sensitivity loss in a.m. wide,
> but I don't remember it being so much (maybe 1 S/unit).
> My receiver is in storage, so I can't check easily.
> I thought my problem was the T-notch filter still being
> within the a.m. bandwidth. There is no on/off switch for the T-notch,
> you just shift it away from where you are listening when not in use.
>
> 73,
> Ed Knobloch

Ed,

yes, paying more attention I realized that, in the 5kHz position, bandwidth is actually nearly twice the bandwidth in the 3 kHz position, but .... there is a notch just in the middle, despite the notch knob is positioned at OFF (I know that notch cannot be excluded, but just moved in frequency...).

The consequence was that, at 5 kHz selectivity, I experienced the very strange effect to hear the same AM station at two distinct frequencies, a few kHz apart from each other.

But then, moving the notch knob, such "doubling" effect disappeared and I could hear the AM station just at a single frequency, though with a much higher bandwidth.

In conclusion, I had to put the notch knob at the other extreme with respect to the OFF position, and the problem seems to no longer exist.

Thanks & 73

Tony I0JX

BTW: yes, the signal drop is closer to one S units than to two

276. Re: Advice from SX-115 owners

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-25 23:59:37 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <79-dnQzvkqFpZTbWnZ2dnUVZ_sudnZ2d@giganews.com>
Source record: 1346

On 3/25/2010 7:44 PM, Antonio Vernucci wrote:
<snip>
> The consequence was that, at 5 kHz selectivity, I experienced the very
> strange effect to hear the same AM station at two distinct frequencies,
> a few kHz apart from each other.
>
> But then, moving the notch knob, such "doubling" effect disappeared and
> I could hear the AM station just at a single frequency, though with a
> much higher bandwidth.
> In conclusion, I had to put the notch knob at the other extreme with
> respect to the OFF position, and the problem seems to no longer exist.

Ah, very good info, thanks, Tony.

I will try shifting the SX-115 notch to the other extreme
when in a.m.

73,
Ed Knobloch

277. K9YA Telegraph, April 2010 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-26 20:48:36 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <D14F7061799E4342820B1BD719C7C6B0@kent01250b2901>
Source record: 1347
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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April 2010 articles include:

4SQRP Group EZ Keyer Kit By Philip Cala-Lazar, K9PL

Digital Modes - Part I By Paul W. Ross, W3FIS

Earning a Wartime WAC By Scott B. Laughlin, N7NET

Ray & Don By Rich Glassner, N&#65533;EAX

All-Bands, Legal-Limit Dipole Project By Hal Mandel, W4HBM

Ham Lingo By Dick Sylvan, W9CBT

278. Hallicrafters SX-101 Mk III for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-26 20:54:19 UTC
From: TJP <tjpatton@mindspring.com>
Message-ID: <32b82b3a-0502-46bf-9d7e-c339bb0badbd@l25g2000yqd.googlegroups.com>
Source record: 1348

This thing weighs a ton and I really don't want to ship it. If anyone
wants it who lives around Charlotte, NC please write me at
tjpatton44@gmail.com

Here's a link: http://picasaweb.google.com/telegraph.keys/HallicraftersSX101MkIII#

279. Re: Hallicrafters SX-101 Mk III for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-26 20:56:14 UTC
From: TJP <tjpatton@mindspring.com>
Message-ID: <8ad1dbc7-e3b2-42c4-8ee1-14069751d3e8@g4g2000yqa.googlegroups.com>
Source record: 1349

tjpatton44 at gmail.com (maybe this will work)

280. Re: Hallicrafters SX-101 Mk III for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-29 18:20:44 UTC
From: TJP <tjpatton@mindspring.com>
Message-ID: <5bc9093c-2b54-4835-8844-aa9a2252e211@z35g2000yqd.googlegroups.com>
Source record: 1350

On Mar 26, 4:54 pm, TJP <tjpat...@mindspring.com> wrote:
> This thing weighs a ton and I really don't want to ship it. If anyone
> wants it who lives around Charlotte, NC please write me at
> tjpatto...@gmail.com
>
> Here's a link: http://picasaweb.google.com/telegraph.keys/HallicraftersSX101MkIII#

I have no idea why this link does not work. If you want some photos
just write me and I'll upload them to you.

281. Re: Hallicrafters SX-101 Mk III for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-30 06:15:18 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <kp6dndsvl4CbCizWnZ2dnUVZ_vydnZ2d@giganews.com>
Source record: 1251

On 3/29/2010 2:20 PM, TJP wrote:
> Here's a link:
> http://picasaweb.google.com/telegraph.keys/HallicraftersSX101MkIII#

> I have no idea why this link does not work. If you want some photos
> just write me and I'll upload them to you.

Hi,

The link works using Internet Explorer 6, but no joy with Mozilla
or with Opera.

Nice looking receiver.

73,
Ed

282. Re: Hallicrafters SX-101 Mk III for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-30 17:26:30 UTC
From: TJP <tjpatton@mindspring.com>
Message-ID: <91aad9b5-eb43-41a7-8f4d-c4ca23f3221f@b30g2000yqd.googlegroups.com>
Source record: 1252

Not sure what Google's problem was yesterday, but no one had access to
any of their photos yesterday until mid day. The link works now. Tim

283. VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-30 17:38:38 UTC
From: SventheViking <dachsies@shaw.ca>
Message-ID: <89d38a4a-9d18-4b71-be7c-965672d411ea@q16g2000yqq.googlegroups.com>
Source record: 1253

Greetings. This should initiate a bevy of responses :=). Since I have used Viking IIs in the past only for CW, and am in the process of getting back on AM with one of these when it gets here, what are the preferences out there for a mic for one of these. I can firstly assume a Hi Z non amplified type like an D-104, but I imagine there is a wide range of experienced users out there. Thanks kindly for your time.

Wayne (VE6NE)
Calgary, Alberta, Canada

284. Lampkin 107c

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-31 01:58:34 UTC
From: Jack Bumgarner <Jack.Bumgarner.5f880f0@radiobanter.com>
Message-ID: <Jack.Bumgarner.5f880f0@radiobanter.com>
Source record: 1254

I have a non-working Lampkin type 107c communications monitor. Does anyone know where I can find either a manual or schematic for it? Thanks in advance for any assistance.

--
Jack Bumgarner

285. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-31 22:24:15 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <GNSdnb45wcUMVi7WnZ2dnUVZ_vadnZ2d@earthlink.com>
Source record: 1255

"SventheViking" <dachsies@shaw.ca> wrote in message
news:89d38a4a-9d18-4b71-be7c-965672d411ea@q16g2000yqq.googlegroups.com...
> Greetings. This should initiate a bevy of responses :=).
> Since I
> have used Viking IIs in the past only for CW, and am in
> the process of
> getting back on AM with one of these when it gets here,
> what are the
> preferences out there for a mic for one of these. I can
> firstly
> assume a Hi Z non amplified type like an D-104, but I
> imagine there is
> a wide range of experienced users out there. Thanks
> kindly for your
> time.
>
> Wayne (VE6NE)
> Calgary, Alberta, Canada

There was a very large variety of microphones which
would work with this transmitter, any high-impedance mic
will do. There are still some made but I am not current on
what is available. Solid state stuff can used low or medium
impedance mics directly but old vacuum tube TX need a
matching transformer for them.
The main manufacturers of high impedance mics for public
address or ham radio use were Electro-Voice, Shure Brothers,
Astatic, and Turner. In addition American Microphone made a
line but were a smaller company.
Crystal mics are vulnerable to heat, humidity, and
mechanical shock so old ones are often not working. Moving
coil, so-called dyamic mics, are very rugged and generally
will work as well as when new if they have not been damaged
in some way. Crystal mics were popular because they had very
high output and were cheap. The D-104 was one of the first,
if not actually the first, crystal mic on the market and has
remained popular ever since. The early ones came with a
choce of flat or rising frequency response but the rising
response version was so much more popular that the flat
version was discontinued. At least part of the sound is the
result of the fairly large baffle area of the case. This
causes a diffraction effect which increases the
high-frequency output and makes the mic slightly directional
at speech frequencies, both desireable for communication

purposes.
I think its possible to get new elements for old D-104s
but I would check first, they may be expensive since the
D-104 has become a collector's item.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

286. Re: Hallicrafters SX-101 Mk III for sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-03-31 22:26:39 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <Qc2dneCPlaeCUS7WnZ2dnUVZ_qidnZ2d@earthlink.com>
Source record: 1256

"TJP" <tjpatton@mindspring.com> wrote in message
news:91aad9b5-eb43-41a7-8f4d-c4ca23f3221f@b30g2000yqd.googlegroups.com...
> Not sure what Google's problem was yesterday, but no one
> had access to
> any of their photos yesterday until mid day. The link
> works now. Tim

Google seems to have been dead in the water for many
functions the other day. I had Google Patents go out on me,
I think around 1 AM PDST. It came back later but was out for
some time.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

287. Re: Lampkin 107c

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 01:54:07 UTC
From: David Thompson <thompson@mindspring.com>
Message-ID: <-vidndo-gIQlYS7WnZ2dnUVZ_iydnZ2d@earthlink.com>
Source record: 1257

jack,

Try W7FG Vintage Manuals. They just changed the name but I feel sure W7FG
will get to their web page. Another is Pete Wa2CWA, the manualman.
If Pete does not have it he may know where to get the material.
73 Dave K4JRB

"Jack Bumgarner" <Jack.Bumgarner.5f880f0@radiobanter.com> wrote in message
news:Jack.Bumgarner.5f880f0@radiobanter.com...
>
> I have a non-working Lampkin type 107c communications monitor. Does
> anyone know where I can find either a manual or schematic for it?
> Thanks in advance for any assistance.
>
>
>
>
> --
> Jack Bumgarner

288. FS: Radio, Test Equipment Service Manuals and Catalogs:

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 02:18:13 UTC
From: Mike Nowlen <mike.nowlen@gmail.com>
Message-ID: <1270088295.619003@sj-nntpcache-2.cisco.com>
Source record: 1258
Cross-posted to: rec.radio.swap,rec.radio.amateur.boatanchors,sci.electronics.equipment,misc.industry.electronics.marketplace

For Sale, Radio, Test Equipment Service Manuals and Catalogs:

Radio:
-CEI Type RS-111-1B-2 30-1000 MHz Receiving System, good, some tears on folds $25.00
-General Electric GE MASTR II Maintenace Manual LBI-4450E 25-50MHz 50/100 Watt Two-Way FM Moble Combinations, EXC $20.00
-General Electric GE MASTR II Maintenace Manual LBI-4450E 25-50MHz 50/100 Watt Two-Way FM Moble Combinations, Rough, Usable $10.00

Test Equipment:
Heathkit io-103 5 inch Triggered Sweep Oscilloscope, Assembly Manual, Good $25.00
Heathkit io-104 15 MHz Triggered Sweep Oscilloscope, Assembly Manual, Good tape on spline $25.00
Fluke 7261A Universal Counter/ Timer Instruction/(Service) VG+ $30.00
Hewlett Packard 1205A/B Dual Trace Oscilloscope Operating and Service Manual VG $25.00
Hewlett Packard 8460B Signal Gen $55.00
Tektronix 434 Oscilloscope Instruction/(Service) VG+ $30.00
Tektronix 434 Oscilloscope Operators Handbook VG+ $10.00
Tektronix 502 Oscilloscope Instruction/(Service) VG+ $20.00
Tektronix 503 Oscilloscope Instruction/(Service) VG+ $20.00
Tektronix 581 Oscilloscope Instruction/(Service) VG+ $25.00
Tektronix 5113 Oscilloscope Instruction/(Service) Exc $30.00

Misc:
Sony KV 1945RS Color TV $10.00
Technics SL-P7 CD Player (early 1980's CD Player) Exc $15.00
Toshiba PC4460 Cassete Tape Deck $10.00

Catalogs:
Layfayette 1966, VG $15.00
World Radio 1959, Good, Cover loose $20.00
Hewlett Packard 1969 Catalog Exc $25.00
Hp 1969 Catalog VG Tear on Spline $20.00
Hp 1972 Catalog Exc $25.00
Hp 1977 Catalog Exc $20.00
Hp 1979 Catalog Exc $20.00
Hp 1983 Catalog Exc $20.00
Hp 1983 Catalog Sealed in original Mailer $30.00
Hp 1984 Catalog Sealed in original Mailer $30.00
Hp 1987 Catalog Exc $20.00
Hp 1988 Catalog Exc $20.00

Hp 1991 Catalog Exc $15.00
Hp 1992 Catalog Exc $15.00
Hp 1988 Catalog Exc $15.00
Hp 1988 Catalog Exc $15.00
Hp 1988 Catalog Exc $15.00
Hp 1998 Catalog, Sealed in original Mailer $20.00
Hp 1999 Catalog, Sealed in original Mailer $20.00
Tektronix 1989 Catalog VG $20.00

All plus shipping, USPS Media Mail Available. Email for shipping costs.

Thanks for reading
Please Email replies

Mike Nowlen
Reston, VA
mike.nowlen@gmail.com

289. Re: FA: Barry shock mounts for cushioning equipment from vibration

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 04:09:58 UTC
From: WKW <worley45@aol.com>
Message-ID: <Xns9D4CEBA738098worley45aolcom@216.196.97.131>
Source record: 1259
Cross-posted to: misc.industry.electronics.marketplace,rec.radio.amateur.boatanchors,rec.radio.swap

Gregg <gkotr@earthlink.net> wrote in
news:6b015c14-1750-42e7-b9fd-ccb94e83c1f6@j21g2000yqh.googlegroups.com:

> Subject: Re: FA: Barry shock mounts for cushioning equipment from
> vibration From: Gregg <gkotr@earthlink.net>
> Newsgroups:
> misc.industry.electronics.marketplace,rec.radio.amateur.boatanchors,
rec.radio.swap
>
> On Mar 18, 4:37 pm, WKW <worle...@aol.com> wrote:
>> I have a lot of barry shock mounts in 3 different sizes. These are
>> used to cushion equipment in vehicles or aircraft where vibration is
a problem.

http://us.ebid.net/for-sale/barry-shock-mount-light-weight-single-
26337480.htm

http://us.ebid.net/for-sale/barry-shock-mount-medium-weight-single-
26337780.htm

http://us.ebid.net/for-sale/barry-shock-mount-heavy-weight-dual-
26337825.htm

>> (no listing fees onwww.ebid.net)
>
> Huh, none of those links worked for me. {?}
>

It looks like when you clicked it it did not include the last part of
the url on the second line. You may have to copy and past the whole
thing (be sure it ends in .htm) into your URL bar on explorer.

290. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 05:47:07 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <wsednYUqr6fArinWnZ2dnUVZ_gmdnZ2d@giganews.com>
Source record: 1260

> There was a very large variety of microphones which would work with
> this transmitter, any high-impedance mic will do. There are still some
> made but I am not current on what is available. Solid state stuff can used
> low or medium impedance mics directly but old vacuum tube TX need a
> matching transformer for them.
> The main manufacturers of high impedance mics for public address or ham
> radio use were Electro-Voice, Shure Brothers, Astatic, and Turner. In
> addition American Microphone made a line but were a smaller company.
> Crystal mics are vulnerable to heat, humidity, and mechanical shock so
> old ones are often not working. Moving coil, so-called dyamic mics, are
> very rugged and generally will work as well as when new if they have not
> been damaged in some way. Crystal mics were popular because they had very
> high output and were cheap. The D-104 was one of the first, if not
> actually the first, crystal mic on the market and has remained popular
> ever since. The early ones came with a choce of flat or rising frequency
> response but the rising response version was so much more popular that the
> flat version was discontinued. At least part of the sound is the result of
> the fairly large baffle area of the case. This causes a diffraction effect
> which increases the high-frequency output and makes the mic slightly
> directional at speech frequencies, both desireable for communication
> purposes.
> I think its possible to get new elements for old D-104s but I would
> check first, they may be expensive since the D-104 has become a
> collector's item.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickburk@ix.netcom.com

D-104C had a "ceramic" crystal element which was far more tolerant of
moisture, shock, etc.
I can't remember just now what the frequency response was (compared to the
original) but when
I used one, I was looked down upon as a traitor to tradition.
What was good about the D-104 types, was that you didn't have to speak
directly into it. One
could just walk around the shack, and in some instances, around the house
with little loss of
readability.

Old Chief Lynn, W7LTQ

291. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 13:15:06 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <2cqdnYIOD6jAASnWnZ2dnUVZ_gWdnZ2d@earthlink.com>
Source record: 1261

"coffelt2" <coffelt2@comcast.net> wrote in message
news:wsednYUqr6fArinWnZ2dnUVZ_gmdnZ2d@giganews.com...
>> There was a very large variety of microphones which
>> would work with this transmitter, any high-impedance mic
>> will do. There are still some made but I am not current
>> on what is available. Solid state stuff can used low or
>> medium impedance mics directly but old vacuum tube TX
>> need a matching transformer for them.
>> The main manufacturers of high impedance mics for
>> public address or ham radio use were Electro-Voice, Shure
>> Brothers, Astatic, and Turner. In addition American
>> Microphone made a line but were a smaller company.
>> Crystal mics are vulnerable to heat, humidity, and
>> mechanical shock so old ones are often not working.
>> Moving coil, so-called dyamic mics, are very rugged and
>> generally will work as well as when new if they have not
>> been damaged in some way. Crystal mics were popular
>> because they had very high output and were cheap. The
>> D-104 was one of the first, if not actually the first,
>> crystal mic on the market and has remained popular ever
>> since. The early ones came with a choce of flat or rising
>> frequency response but the rising response version was so
>> much more popular that the flat version was discontinued.
>> At least part of the sound is the result of the fairly
>> large baffle area of the case. This causes a diffraction
>> effect which increases the high-frequency output and
>> makes the mic slightly directional at speech frequencies,
>> both desireable for communication purposes.
>> I think its possible to get new elements for old
>> D-104s but I would check first, they may be expensive
>> since the D-104 has become a collector's item.
>>
>> --
>> Richard Knoppow
>> Los Angeles
>> WB6KBL
>> dickburk@ix.netcom.com
>
>
> D-104C had a "ceramic" crystal element which was far
> more tolerant of moisture, shock, etc.
> I can't remember just now what the frequency response was
> (compared to the original) but when
> I used one, I was looked down upon as a traitor to

> tradition.
> What was good about the D-104 types, was that you
> didn't have to speak directly into it. One
> could just walk around the shack, and in some instances,
> around the house with little loss of
> readability.
>
> Old Chief Lynn, W7LTQ
Astatic and others made ceramic versions of their
crystal mics. The ceramic was, as you say, much more rugged,
but... It was less sensitive, according to a 1952 Astatic
catalogue sheet the difference was 10db! The D-104 was rated
at -45db, the D-104C at -55db. The reference is not given
but I think its db below 1 volt per dyne. The D-104 crystal
had one of the highest outputs of any crystal mic of the
time.
There was the same difference in phonograph pickups,
ceramic was more rugged and had good frequency response but
significantly lower output. In the days when amplification
was expensive the difference was important.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

292. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 13:56:21 UTC
From: kludge@panix.com
Message-ID: <hp28m5$1uf$1@panix2.panix.com>
Source record: 1262

coffelt2 <coffelt2@comcast.net> wrote:
>
> D-104C had a "ceramic" crystal element which was far more tolerant of
>moisture, shock, etc.
>I can't remember just now what the frequency response was (compared to the
>original) but when
>I used one, I was looked down upon as a traitor to tradition.

You can no longer get either the original crystal element or the ceramic element, but Astatic will sell you a dynamic replacement.

The dynamic is a whole lot smoother and less brittle sounding, but maybe that's a bad thing in a pileup.

> What was good about the D-104 types, was that you didn't have to speak
>directly into it. One
>could just walk around the shack, and in some instances, around the house
>with little loss of
>readability.

They were very, very omnidirectional compared other communications mikes back then. The good part of this was the effect you note. The bad part is that noise sources like fans and people yelling in the background were also very readable on the air.

I am currently using an old Turner microphone and like the way it sounds. Also I am a fan of some of the older EV desk microphones, which still turn up cheaply at hamfests. If you find a low-Z mike that you like, there is no reason you can't just stick a step-up transformer in the base to drive the Viking.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

293. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 14:09:04 UTC
From: "Geoffrey S. Mendelson" <gsm@cable.mendelson.com>
Message-ID: <slrnhr9a0l.410.gsm@cable.mendelson.com>
Source record: 1263

Scott Dorsey wrote:
> You can no longer get either the original crystal element or the ceramic
> element, but Astatic will sell you a dynamic replacement.

How do these sound compared to the dynamic equivalent of the D-104, the
10-DA (also known as the bullet head because of the space for the internal
transformer)?

Geoff.

--
Geoffrey S. Mendelson, Jerusalem, Israel gsm@mendelson.com N3OWJ/4X1GM
New word I coined 12/13/09, "Sub-Wikipedia" adj, describing knowledge or
understanding, as in he has a sub-wikipedia understanding of the situation.
i.e possessing less facts or information than can be found in the Wikipedia.

294. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-01 14:26:41 UTC
From: kludge@panix.com
Message-ID: <hp2af1$t38$1@panix2.panix.com>
Source record: 1264

In article <slrnhr9a0l.410.gsm@cable.mendelson.com>,
Geoffrey S. Mendelson <gsm@mendelson.com> wrote:
>Scott Dorsey wrote:
>> You can no longer get either the original crystal element or the ceramic
>> element, but Astatic will sell you a dynamic replacement.
>
>How do these sound compared to the dynamic equivalent of the D-104, the
>10-DA (also known as the bullet head because of the space for the internal
>transformer)?

I don't know. I have heard them on the air but never heard a careful A-B
comparison.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

295. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-02 07:55:45 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <xYadnTvmbtuXPijWnZ2dnUVZ_qKdnZ2d@earthlink.com>
Source record: 1265

"Scott Dorsey" <kludge@panix.com> wrote in message
news:hp28m5$1uf$1@panix2.panix.com...
> coffelt2 <coffelt2@comcast.net> wrote:
>>
> I am currently using an old Turner microphone and like the
> way it sounds.
> Also I am a fan of some of the older EV desk microphones,
> which still turn
> up cheaply at hamfests. If you find a low-Z mike that
> you like, there is
> no reason you can't just stick a step-up transformer in
> the base to drive
> the Viking.
> --scott
>
>

Which model Turner?

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

296. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-02 08:09:44 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <rvqdnQk9cLPJOyjWnZ2dnUVZ_jCdnZ2d@earthlink.com>
Source record: 1266

"Scott Dorsey" <kludge@panix.com> wrote in message
news:hp28m5$1uf$1@panix2.panix.com...
> coffelt2 <coffelt2@comcast.net> wrote:
>>
>> D-104C had a "ceramic" crystal element which was far
>> more tolerant of
>>moisture, shock, etc.
>>I can't remember just now what the frequency response was
>>(compared to the
>>original) but when
>>I used one, I was looked down upon as a traitor to
>>tradition.
>
> You can no longer get either the original crystal element
> or the ceramic
> element, but Astatic will sell you a dynamic replacement.
>
> The dynamic is a whole lot smoother and less brittle
> sounding, but maybe
> that's a bad thing in a pileup.
>
>> What was good about the D-104 types, was that you
>> didn't have to speak
>>directly into it. One
>>could just walk around the shack, and in some instances,
>>around the house
>>with little loss of
>>readability.
>
> They were very, very omnidirectional compared other
> communications mikes
> back then. The good part of this was the effect you note.
> The bad part
> is that noise sources like fans and people yelling in the
> background were
> also very readable on the air.
>
> I am currently using an old Turner microphone and like the
> way it sounds.
> Also I am a fan of some of the older EV desk microphones,
> which still turn
> up cheaply at hamfests. If you find a low-Z mike that
> you like, there is
> no reason you can't just stick a step-up transformer in

> the base to drive
> the Viking.
> --scott

There aren't many polar patterns published for cheaper mics but the directional properties of mics like the D-104 are mostly due to the diffraction around the body. At low frequencies they are almost perfectly omnidirectional but at some frequency begin to have some directionality which increases with frequency. The same diffraction effect causes a rise in the frequency response unless its compensated in some way. At a frequency where the path around the body approximates a half wave length the microphone can approach a super-carioide pattern, i.e., unidirectional with one or more lobes toward the back. The shape is important, a flat pancake shape like the D-104 will have a somewhat different pattern than a bullet-shaped mic. The ultimate was the Western Electric 630A "Eight-Ball". The spherical shape made it quite omnidirectional to rather high frequencies but the pattern was made even more uniform by the partial baffle mounted in front of the diaphragm. Metro-Goldwyn-Mayer made some microphones using probably standard Western Electric condenser elements mounted in a spherical case to reduce the diffraction rise typical of the older mics. I don't remember whether these had baffles on them but the elements were mounted in a way that also tended to reduce the cavity resonance typical of both this and other large condenser type elements. In some respects the rise was useful in dialogue recording although it could also make some voices sound harsh. All sorts of mechanical filters and baffles were tried to aleviate this effect, mostly with limited success. Electrical filters, which would have been a better solution, while known in the telephone industry, were not very well known outside of it. Much of the early theory of electrical wave filters was developed by George A. Campbell, of Bell Labs, in the mid 'teens. This was cosidered very advanced stuff at the time.
I am not surprized that no one makes crystal or ceramic elements any more. For the most part microphones to fill similar applications now are electrets.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

297. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-02 13:38:17 UTC
From: kludge@panix.com
Message-ID: <hp4s09$h07$1@panix2.panix.com>
Source record: 1267

Richard Knoppow <dickburk@ix.netcom.com> wrote:
>"Scott Dorsey" <kludge@panix.com> wrote in message
>news:hp28m5$1uf$1@panix2.panix.com...
>> coffelt2 <coffelt2@comcast.net> wrote:
>>>
>> I am currently using an old Turner microphone and like the
>> way it sounds.
>> Also I am a fan of some of the older EV desk microphones,
>> which still turn
>> up cheaply at hamfests. If you find a low-Z mike that
>> you like, there is
>> no reason you can't just stick a step-up transformer in
>> the base to drive
>> the Viking.
>
> Which model Turner?

Model 252. Low-Z version of the 250 with the lift switch (which I strongly
discourage the use of). If you were using a Viking II you would probably want
the 250 or to use a step-up transformer.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

298. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-02 13:39:32 UTC
From: kludge@panix.com
Message-ID: <hp4s2klep1@panix2.panix.com>
Source record: 1268

Richard Knoppow <dickburk@ix.netcom.com> wrote:
>
> I am not surprized that no one makes crystal or ceramic
>elements any more. For the most part microphones to fill
>similar applications now are electrets.

Actually, there are a few companies making ceramic elements for military applications. They can stand abuse that would kill even the Gentex military electrets.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

299. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-02 22:42:43 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <X7mdnQYt5vRp7yvWnZ2dnUVZ_v-dnZ2d@earthlink.com>
Source record: 1269

"Scott Dorsey" <kludge@panix.com> wrote in message
news:hp4s09$h07$1@panix2.panix.com...
> Richard Knoppow <dickburk@ix.netcom.com> wrote:
>>"Scott Dorsey" <kludge@panix.com> wrote in message
>>news:hp28m5$1uf$1@panix2.panix.com...
>>> coffelt2 <coffelt2@comcast.net> wrote:
>>>>
>>> I am currently using an old Turner microphone and like
>>> the
>>> way it sounds.
>>> Also I am a fan of some of the older EV desk
>>> microphones,
>>> which still turn
>>> up cheaply at hamfests. If you find a low-Z mike that
>>> you like, there is
>>> no reason you can't just stick a step-up transformer in
>>> the base to drive
>>> the Viking.
>>
>> Which model Turner?
>
> Model 252. Low-Z version of the 250 with the lift switch
> (which I strongly
> discourage the use of). If you were using a Viking II you
> would probably want
> the 250 or to use a step-up transformer.
> --scott

My one and only Turner mic is a 999, a low impedance
dynamic. I came into a windfall of good impedance matching
transformers (UTC 01 Ouncers) so matching is no problem. Its
a decent mic but may not be representative since I had to
remove a dent from the diaphragm. This can be done with
sticky tape and great care. The mic sounds good, less rise
in the high end than my Electro-Voice 635. I think this is
probably the original sound.
Turner seems to be the only one of the original big
four makers of PA mics that did not survive. Astatic,
Electro-Voice, and Shure Brothers all managed to navigate
the vicissitudes of life.
American Microphone was another company who did not
survive. Their last line of mics was a valiant attempt to
break into the high quality broadcast and recording market
but their technology left a lot to be desired. I have a

couple of their high-end cardioid mics.
A friend had a recording made on his Ampex part of
which was done with an experimental American pressure mic
intended for high quality recording and another section with
a "Telefunken" mic, actually a Scheops 201-M. No comparison,
the American mic made all the instruments sound like they
were made of paper boxes. The Schoeps mic is the one that
actually established Telefunken's reputation and is the mic
used for the Mercury Records "Living Presence" series.
The cardioid used a ribbon element with a dynamic just
under it. It has decent patterns in one plane going
horizontally around the mic but, of course, there is no
match whatsoever in the vertical plane and very poor
directivity. Actually, Brush made a similar microphone in
the mid or late 1930s, essentially an RCA Junior Velocity
mic with a Brush crystal element fixed to the top of the
ribbon and facing up. I suspect it had much the same
problems. Brush used a rather complicated network to match
the two sections. I don't think they made these for long.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

300. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-03 14:44:06 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <F9OdnbK09fzQySrWnZ2dnUVZ_uqdnZ2d@giganews.com>
Source record: 1270

On 4/1/2010 9:56 AM, Scott Dorsey wrote:

> You can no longer get either the original crystal element or the ceramic
> element, but Astatic will sell you a dynamic replacement.
>
> The dynamic is a whole lot smoother and less brittle sounding, but maybe
> that's a bad thing in a pileup.
>

Hi,

You can install a Kobitone crystal element in the D-104 mic head,
Mouser.com P/N 25LM022
It has a raising freq characteristic similar to the old Astatic crystal
element.

Electric Radio Magazine, Jan 2010, had the how-to-do-it article.

73,
Ed Knobloch

301. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-03 20:57:49 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <XtSdnSa7o-RBNirWnZ2dnUVZ_vmdnZ2d@earthlink.com>
Source record: 1271

"Edward Knobloch" <alias@nowhere.net> wrote in message
news:F9OdnbK09fzQySrWnZ2dnUVZ_uqdnZ2d@giganews.com...
> On 4/1/2010 9:56 AM, Scott Dorsey wrote:
>
>> You can no longer get either the original crystal element
>> or the ceramic
>> element, but Astatic will sell you a dynamic replacement.
>>
>> The dynamic is a whole lot smoother and less brittle
>> sounding, but maybe
>> that's a bad thing in a pileup.
>>
>
> Hi,
>
> You can install a Kobitone crystal element in the D-104
> mic head,
> Mouser.com P/N 25LM022
> It has a raising freq characteristic similar to the old
> Astatic crystal element.
>
> Electric Radio Magazine, Jan 2010, had the how-to-do-it
> article.
>
> 73,
> Ed Knobloch

I found this doing a Google search. They appear to be
available in several sizes and types and the company also
makes ceramic elements. I found prices varied by a 2:1 ratio
depending on who was offering them. Mouser had about the
lowest prices, only about $5 US each. I suspect these will
fit a lot of old crystal mics and make them useable again.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

302. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-04 20:13:13 UTC
From: kludge@panix.com
Message-ID: <hparsposa1@panix2.panix.com>
Source record: 1272

Richard Knoppow <dickburk@ix.netcom.com> wrote:
> My one and only Turner mic is a 999, a low impedance
>dynamic. I came into a windfall of good impedance matching
>transformers (UTC 01 Ouncers) so matching is no problem. Its
>a decent mic but may not be representative since I had to
>remove a dent from the diaphragm. This can be done with
>sticky tape and great care. The mic sounds good, less rise
>in the high end than my Electro-Voice 635. I think this is
>probably the original sound.

The 252 definitely has a serious rise on-axis and it's kind of
grating-sounding. That comes across nicely in a pileup.

> Turner seems to be the only one of the original big
>four makers of PA mics that did not survive. Astatic,
>Electro-Voice, and Shure Brothers all managed to navigate
>the vicissitudes of life.
> American Microphone was another company who did not
>survive. Their last line of mics was a valiant attempt to
>break into the high quality broadcast and recording market
>but their technology left a lot to be desired. I have a
>couple of their high-end cardioid mics.

Are they any good? I remember American Microphone trying really hard
to sell into the broadcast market with really cool-looking handheld omni
mikes. The chief engineer of the radio station I worked for dismissed
them all as "crap that's designed to look nice on TV."

> A friend had a recording made on his Ampex part of
>which was done with an experimental American pressure mic
>intended for high quality recording and another section with
>a "Telefunken" mic, actually a Scheops 201-M. No comparison,
>the American mic made all the instruments sound like they
>were made of paper boxes. The Schoeps mic is the one that
>actually established Telefunken's reputation and is the mic
>used for the Mercury Records "Living Presence" series.
> The cardioid used a ribbon element with a dynamic just
>under it. It has decent patterns in one plane going
>horizontally around the mic but, of course, there is no
>match whatsoever in the vertical plane and very poor
>directivity. Actually, Brush made a similar microphone in
>the mid or late 1930s, essentially an RCA Junior Velocity
>mic with a Brush crystal element fixed to the top of the
>ribbon and facing up. I suspect it had much the same
>problems. Brush used a rather complicated network to match

>the two sections. I don't think they made these for long.

Actually, the WE 639 (later the Altec 639) used the same arrangement.
It could be a figure-8, an omni, or a cardioid, but it only sounded
even remotely decent as a figure-8 because the dynamic was just so awful.

I thought all the Living Presence recordings were done with Telefunken
condenser mikes?
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

303. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-04 21:24:29 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <zY6dnTHmXtgHniTWnZ2dnUVZ_qydnZ2d@earthlink.com>
Source record: 1273

"Scott Dorsey" <kludge@panix.com> wrote in message
news:hparsposa1@panix2.panix.com...
> Richard Knoppow <dickburk@ix.netcom.com> wrote:
>> My one and only Turner mic is a 999, a low impedance
>>dynamic. I came into a windfall of good impedance matching
>>transformers (UTC 01 Ouncers) so matching is no problem.
>>Its
>>a decent mic but may not be representative since I had to
>>remove a dent from the diaphragm. This can be done with
>>sticky tape and great care. The mic sounds good, less rise
>>in the high end than my Electro-Voice 635. I think this is
>>probably the original sound.
>
> The 252 definitely has a serious rise on-axis and it's
> kind of
> grating-sounding. That comes across nicely in a pileup.
>
>> Turner seems to be the only one of the original big
>>four makers of PA mics that did not survive. Astatic,
>>Electro-Voice, and Shure Brothers all managed to navigate
>>the vicissitudes of life.
>> American Microphone was another company who did not
>>survive. Their last line of mics was a valiant attempt to
>>break into the high quality broadcast and recording market
>>but their technology left a lot to be desired. I have a
>>couple of their high-end cardioid mics.
>
> Are they any good? I remember American Microphone trying
> really hard
> to sell into the broadcast market with really cool-looking
> handheld omni
> mikes. The chief engineer of the radio station I worked
> for dismissed
> them all as "crap that's designed to look nice on TV."
>
>> A friend had a recording made on his Ampex part of
>>which was done with an experimental American pressure mic
>>intended for high quality recording and another section
>>with
>>a "Telefunken" mic, actually a Scheops 201-M. No
>>comparison,
>>the American mic made all the instruments sound like they
>>were made of paper boxes. The Schoeps mic is the one that
>>actually established Telefunken's reputation and is the

>>mic
>>used for the Mercury Records "Living Presence" series.
>> The cardioid used a ribbon element with a dynamic
>> just
>>under it. It has decent patterns in one plane going
>>horizontally around the mic but, of course, there is no
>>match whatsoever in the vertical plane and very poor
>>directivity. Actually, Brush made a similar microphone in
>>the mid or late 1930s, essentially an RCA Junior Velocity
>>mic with a Brush crystal element fixed to the top of the
>>ribbon and facing up. I suspect it had much the same
>>problems. Brush used a rather complicated network to match
>>the two sections. I don't think they made these for long.
>
> Actually, the WE 639 (later the Altec 639) used the same
> arrangement.
> It could be a figure-8, an omni, or a cardioid, but it
> only sounded
> even remotely decent as a figure-8 because the dynamic was
> just so awful.
>
> I thought all the Living Presence recordings were done
> with Telefunken
> condenser mikes?
> --scott
>
It seems that many microphones designed for
communication purposes had/have a haystack in the
articulation range, i.e., rising above about 500 hz and
peaking around 3 to 5 K. As you probably know most of the
energy in the human voice is below about 500hz but the
frequencies that contribute to articulation are around 1k to
3k. Good articulation can be had even if no frequencies
below about 1500hz are included but naturalness requires
some of the lower frequencies.
The 639 dynamic element is the same as used in the 630A
"Eight-Ball" and 633A/B "Saltshaker". The diaphragms were
hard to make. They were annealed to get the hard spots out.
John Frayne told me that there was more than a 50% rejection
rate. Good ones sound decent many were not so good. Altec
was not as careful as WE even though they had to meet WE
specs. Doc Frayne told me that WE lost money on every 639
they made. It was a prestige item.
The 639 was arranged with the moving coil element facing
front where the American Mic had the element under the
ribbon facing up. This makes sense if one thinks about the
pattern in the horizontal plane only. The problem is that
the moving coil mic is not truely omnidirectional due to the
diffraction effects of the microphone case so there is no
match or a very poor match in the vertical plane. The 639

actually has reasonably good discrimination in both planes because the directionality at high frequencies depends on diffraction effects rather than the phasing of the two elements, the ribbon is rolled off above about 3Khz. The 639 is a bit of a kluge but a very cleverly worked out one. BTW, the Marshall and Harry patent shows the moving coil element mounted _on top) of the ribbon, but facing forward. I think the revesed arrangement on the production mics was done for appearance. The case was a Raymond Lowey design and I think the mounting was compromised for appearance.
The 630A was also expensive to make because it was complex. The case has two parts with a baffle and acoustical resistance between them. The 633 was an attempt to make a cheaper version.
Altec made some plastic diaphragm versions of the same capsule which were also used for small tweeters. I don't know how they sounded in comparison to the metal diaphragm version.
In general, I don't like moving coil microphones for high fidelity applications. They alsways sound mushy to me. They are eminently suitable for communications purposes because they are extremely rugged and can be made to have high output. Most moving coil mics rely on some sort of resonator at the high end to keep the response up. The 630A, which was thoroughly described in a paper in the Bell System Technical Journal, has a cavity resonator plus a capacitive resonator below the diaphragm. All these resonators combine to produce a very sharp cut-off at the high end and typically result in poor transient responce.
The American mics do not sound very good because the moving coil elements are not very good. Again, metal diaphragms and rather poor transient response. The omnidirectional mic showed up on some of the local TV station, I remember seeing them on KTTV, but were no competition to Elecro-Voice who used molded plastic diaphragms and had pretty smooth response. I think American tried hard but simply did not have the technology to compete. The cardioid mics are also adjustable pattern, they have a board with jumpers under the label. I don't know a lot about the history of the company. I think I did read something or hear somethign about them long ago but its faded away.
There were two other small microphone manufacturers in the Los Angeles area in the 1930s and 1940s, they were Universal Microphone Co, in Culver City and Carrier Microphone Co. I beleive Carrier was the superintendent of Universal. I am not sure of American Microphone personel had any relation to these companies but think they might have. American was in East LA at first but moved to Pasadena. Telefunken never built any microphones but acted as the

marketing agency for both Neumann and Schoeps. I think they even marketed some AKG mics at one time. While Neumann mics, particularly the U-47 became famous under the Telefunken name the Mercury Living Presence series was apparently made using the Schoeps 201-M, a dual capsule cardioid/variable pattern mic. They are shown in some publicity photos of the sessions. Mercury used a single-mic pickup, somewhat unusual for American recording at the time. They also used modified Fairchild cutterheads. Mercury was one of the first recording companies to adopt hot stylus (orinated at Columbia) and variable pitch. The pitch variation was done by hand by the recording engineer following a marked up score. Not sure when the first automatic groove pitch machines came out but it must not have been much later. Meissner (SP ?) wrote a letter to Audio Engineering magazine after an article describing the Columbia Hot Stylus technique was published claiming he had developed a similar system in the late 1920s or early 1930s which he attempted to use at Brunswick. The management thought the resulting records looked funny and did not ever use it in practice. Hot stylus makes a lot of difference in both noise and in high frequency response where the original is made on laquer, perhaps less on wax but I am not certain of that.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

304. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-05 04:14:42 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <_bGdnaWRMpFX_iTWnZ2dnUVZ_sudnZ2d@giganews.com>
Source record: 1274

On 4/2/2010 9:38 AM, Scott Dorsey wrote:
> [Turner] Model 252. Low-Z version of the 250 with the lift switch (which I strongly
> discourage the use of). If you were using a Viking II you would probably want
> the 250 or to use a step-up transformer.
> --scott

Hi

By "lift switch" do you mean the switch contacts to complete the circuit
to the mic element? Or did that mic include a switch
on the bottom, so that when you pick it up, you transmit?

73,
Ed Knobloch

305. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-05 14:25:17 UTC
From: kludge@panix.com
Message-ID: <hpcrsd$ae3$1@panix2.panix.com>
Source record: 1275

Edward Knobloch <alias@nowhere.net> wrote:
>On 4/2/2010 9:38 AM, Scott Dorsey wrote:
>> [Turner] Model 252. Low-Z version of the 250 with the lift switch (which I strongly
>> discourage the use of). If you were using a Viking II you would probably want
>> the 250 or to use a step-up transformer.
>
>By "lift switch" do you mean the switch contacts to complete the circuit
>to the mic element? Or did that mic include a switch
>on the bottom, so that when you pick it up, you transmit?

It's a switch on the bottom so you transmit when you pick up the mike. There
is a locking switch that disables it, but the locking switch sometimes gets
dislodged when the mike is knocked over.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

306. Sweep generator recommendations?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-05 21:30:43 UTC
From: Clive <whitecastle@peoplepc.com>
Message-ID: <jbqdna9v18s4yyfWnZ2dnUVZ_tudnZ2d@earthlink.com>
Source record: 1276

The time has come for me to add a sweep generator to my bench and I am looking for recommendations. I would like to keep the cost as low as possible yet have something that would be functional for what I do, which is largely repairing receivers that operate between 500 kHz to 30 mHz. There are tons of them for sale but wading through the multitude of brands and models is somewhat daunting.

307. Re: Sweep generator recommendations?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-06 15:08:29 UTC
From: kludge@panix.com
Message-ID: <hpfipd$7ch$1@panix2.panix.com>
Source record: 1277

Clive <whitecastle@peoplepc.com> wrote:
>The time has come for me to add a sweep generator to my bench and I am
>looking for recommendations. I would like to keep the cost as low as
>possible yet have something that would be functional for what I do, which is
>largely repairing receivers that operate between 500 kHz to 30 mHz. There
>are tons of them for sale but wading through the multitude of brands and
>models is somewhat daunting.

Hewlett-Packard never made a bad piece of test equipment that wasn't a scope.

Just stay away from Eico and Heathkit and you'll be fine. There is a
Nida 444 on Ebay for $9.99 right now with only a few hours left.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

308. Wanted

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-06 21:54:01 UTC
From: wanna <warwick.chuck@gmail.com>
Message-ID: <8606bf48-1807-4bad-9055-12229dc59e0f@g30g2000yqc.googlegroups.com>
Source record: 1278

Early days of my transistor radio collection and looking to purchase
the following which I have not seen listed:

AIWA TR -622 or Continental TR-622
Lafayette FS -91
Summit S-900
Kowa KT -91

Thanks

309. Technical Books available for download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-06 22:10:42 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <G-KdnXrFQtriLCbWnZ2dnUVZ_o-dnZ2d@giganews.com>
Source record: 1279

Hi, Gang

Pete Millett has recently moved to a new hosting site, and expanded
his collection of old electronics textbooks available for download.
The new site is here:
http://www.tubebooks.org/technical_books_online.htm

One very good book is the GE Sideband Handbook,
a compilation of all the SSB info appearing
in the GE "Ham News". Included is the GE "SSB, Jr."
the forerunner of the Central Electronics 10A.

Pete's site can be rather slow, so I moved a copy of the GE SSB Manual
to Rapidshare, since it is a large file (151MB):
http://rapidshare.com/files/372823457/GE_Sideband_Handbook_1961.pdf

73,
Ed Knobloch

310. Re: Technical Books available for download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 01:55:36 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1004062152130.32082@darkstar.example.net>
Source record: 1280

On Tue, 6 Apr 2010, Edward Knobloch wrote:

> Hi, Gang
>
> Pete Millett has recently moved to a new hosting site, and expanded
> his collection of old electronics textbooks available for download.
> The new site is here:
> http://www.tubebooks.org/technical_books_online.htm
>
> One very good book is the GE Sideband Handbook,
> a compilation of all the SSB info appearing
> in the GE "Ham News". Included is the GE "SSB, Jr."
> the forerunner of the Central Electronics 10A.
>
I'll grab it, but does it have much on DSB? GE seemed to be
the proponent for DSBsc (versus Collins and SSB), and Webb who
wrote an article about DSBsc and then a construction article about
making a synchronous detector (about 1957 in "CQ"), I thought he
worked for GE. They were talking about full blown DSB with proper
detectors, to do away with the carrier but make use of the benefits
of two sidebands. DSB is covered in the other SSB books, but there it's
an intermediate step, simpler to build than an SSB transmitter but simpler
and better than an AM transmitter, but one was expected to receive it
with an SSB receiver which turned the DSB signal into an SSB signal before
the product detector.

Michael VE2BVW

> Pete's site can be rather slow, so I moved a copy of the GE SSB Manual
> to Rapidshare, since it is a large file (151MB):
> http://rapidshare.com/files/372823457/GE_Sideband_Handbook_1961.pdf
>
> 73,
> Ed Knobloch
>

311. Re: Technical Books available for download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 04:01:38 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <keWdnQY3ROQjniHWnZ2dnUVZ_oSdnZ2d@giganews.com>
Source record: 1281

On 4/6/2010 9:55 PM, Michael Black VE2BVW wrote:
>> One very good book is the GE Sideband Handbook,
>> a compilation of all the SSB info appearing
>> in the GE "Ham News". Included is the GE "SSB, Jr."
>> the forerunner of the Central Electronics 10A.
>>
> I'll grab it, but does it have much on DSB? GE seemed to be
> the proponent for DSBsc (versus Collins and SSB), and Webb who
> wrote an article about DSBsc and then a construction article about
> making a synchronous detector (about 1957 in "CQ"), I thought he
> worked for GE. They were talking about full blown DSB with proper
> detectors, to do away with the carrier but make use of the benefits
> of two sidebands. DSB is covered in the other SSB books, but there it's
> an intermediate step, simpler to build than an SSB transmitter but simpler
> and better than an AM transmitter, but one was expected to receive it
> with an SSB receiver which turned the DSB signal into an SSB signal before
> the product detector.

Hi,

Yes, the book has two DSB transmitters featured, the "DSB, Jr."
an 80m QRP rig with a pair of 6AQ5's in the balanced mixer final,
and a 200W input bandswitching DSB rig using a pair of 6146's.

For SSB receiving, they have a 12 tube phasing IF adapter
(quite advanced for 1948), or the simpler "slicer" adapters
later commercialized by Central Electronics.
The book doesn't include the synchronous DSB adapter
printed in a late 1950's CQ magazine.

73,
Ed Knobloch

312. Finger Ring woman fashion Jewelry paypal wholesale free shipping on http://www.brandtrade10.com

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 07:13:59 UTC
From: sporttrade <okreml5656@yahoo.com.cn>
Message-ID: <262f665b-b4bd-42a3-8263-961d052b0587@8g2000yqz.googlegroups.com>
Source record: 1282
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Affliction hat cap der Hut Hats paypal wholesale free shipping
on http://www.brandtrade10.com/

GUCCI hat cap der Hut Hats paypal wholesale free shipping on
http://www.brandtrade10.com/

Smet hat cap der Hut Hats paypal wholesale free shipping on
http://www.brandtrade10.com/

Coogi hat cap der Hut Hats paypal wholesale free shipping on
http://www.brandtrade10.com/

LV hat cap der Hut Hats paypal wholesale free shipping on
http://www.brandtrade10.com/

Jewelry

Finger Ring woman fashion Jewelry paypal wholesale free
shipping on http://www.brandtrade10.com/

Necklace paypal wholesale free shipping on http://www.brandtrade10.com/

Dangler paypal wholesale free shipping on http://www.brandtrade10.com/

313. Re: Technical Books available for download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 14:11:54 UTC
From: kludge@panix.com
Message-ID: <hpi3ra$k1m$1@panix2.panix.com>
Source record: 1283

Edward Knobloch <alias@nowhere.net> wrote:
>Pete Millett has recently moved to a new hosting site, and expanded
>his collection of old electronics textbooks available for download.
>The new site is here:
>http://www.tubebooks.org/technical_books_online.htm

I just want to point out here that the one, most amazing and wonderful thing that Mr. Millett has done has been to not only scan and make available the always-rare RCA HB-3 tube handbook, but also to cross-index it so that individual tube data sheets could be found quickly online.

The HB-3 manual is the one that was sold to engineers designing equipment, as opposed to the RC manuals sold to servicepeople or available at your local electronics parts place. It contains all the curves for everything RCA made and it is just a tremendous and wonderful resource. I cannot thank Mr. Millett enough for making this available.

I say that even having obtained a paper copy of the whole manual... the online version is just faster to find material in.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

314. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 15:21:50 UTC
From: SventheViking <dachsies@shaw.ca>
Message-ID: <90010a66-27ad-498b-a7b4-4fa704c5b909@x20g2000yqb.googlegroups.com>
Source record: 1284

On Apr 2, 2:09 am, "Richard Knoppow" <dickb...@ix.netcom.com> wrote:
> "Scott Dorsey" <klu...@panix.com> wrote in message
>
> news:hp28m5$1uf$1@panix2.panix.com...
>
>
>
>
>
> > coffelt2 <coffe...@comcast.net> wrote:
>
> >>   D-104C had a "ceramic" crystal element which was far
> >> more tolerant of
> >>moisture, shock, etc.
> >>I can't remember just now what the frequency response was
> >>(compared to the
> >>original) but when
> >>I used one, I was looked down upon as a traitor to
> >>tradition.
>
> > You can no longer get either the original crystal element
> > or the ceramic
> > element, but Astatic will sell you a dynamic replacement.
>
> > The dynamic is a whole lot smoother and less brittle
> > sounding, but maybe
> > that's a bad thing in a pileup.
>
> >>   What was good about the D-104 types, was that you
> >> didn't have to speak
> >>directly into it. One
> >>could just walk around the shack, and in some instances,
> >>around the house
> >>with little loss of
> >>readability.
>
> > They were very, very omnidirectional compared other
> > communications mikes
> > back then. The good part of this was the effect you note.
> > The bad part
> > is that noise sources like fans and people yelling in the
> > background were
> > also very readable on the air.
>

> > I am currently using an old Turner microphone and like the
> > way it sounds.
> > Also I am a fan of some of the older EV desk microphones,
> > which still turn
> > up cheaply at hamfests. If you find a low-Z mike that
> > you like, there is
> > no reason you can't just stick a step-up transformer in
> > the base to drive
> > the Viking.
> > --scott
>
>   There aren't many polar patterns published for cheaper
> mics but the directional properties of mics like the D-104
> are mostly due to the diffraction around the body. At low
> frequencies they are almost perfectly omnidirectional but at
> some frequency begin to have some directionality which
> increases with frequency. The same diffraction effect causes
> a rise in the frequency response unless its compensated in
> some way. At a frequency where the path around the body
> approximates a half wave length the microphone can approach
> a super-carioide pattern, i.e., unidirectional with one or
> more lobes toward the back. The shape is important, a flat
> pancake shape like the D-104 will have a somewhat different
> pattern than a bullet-shaped mic. The ultimate was the
> Western Electric 630A "Eight-Ball". The spherical shape made
> it quite omnidirectional to rather high frequencies but the
> pattern was made even more uniform by the partial baffle
> mounted in front of the diaphragm. Metro-Goldwyn-Mayer made
> some microphones using probably standard Western Electric
> condenser elements mounted in a spherical case to reduce the
> diffraction rise typical of the older mics. I don't remember
> whether these had baffles on them but the elements were
> mounted in a way that also tended to reduce the cavity
> resonance typical of both this and other large condenser
> type elements. In some respects the rise was useful in
> dialogue recording although it could also make some voices
> sound harsh. All sorts of mechanical filters and baffles
> were tried to aleviate this effect, mostly with limited
> success. Electrical filters, which would have been a better
> solution, while known in the telephone industry, were not
> very well known outside of it. Much of the early theory of
> electrical wave filters was developed by George A. Campbell,
> of Bell Labs, in the mid 'teens. This was cosidered very
> advanced stuff at the time.
>   I am not surprized that no one makes crystal or ceramic
> elements any more. For the most part microphones to fill
> similar applications now are electrets.
>
> --
> Richard Knoppow

> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com- Hide quoted text -
>
> - Show quoted text -

Thanks Richard and everyone else here. (For some reason my email wasn
´t "beeped" when these responses came so I am a bit behind and have
some heavy reading to do here, but seems to be a wealth of important
info here that i have to digest, then start the search engines to find
an appropriate mic(s). Most Vikings I have seen have a D-104 with
them but the specifics as to their innards of course is a guess.
Thanks again and best 73s for now. Guess I better keep checking back
here from time to time. 73s,
Wayne

315. Re: Technical Books available for download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 19:59:38 UTC
From: Jim Haynes <jhaynes@alumni.uark.edu>
Message-ID: <QsKdnaZZOd63eSHWnZ2dnUVZ_tqdnZ2d@earthlink.com>
Source record: 1285

On 2010-04-07, Michael Black <et472@ncf.ca> wrote:
>>
> I'll grab it, but does it have much on DSB? GE seemed to be
> the proponent for DSBsc (versus Collins and SSB), and Webb who
> wrote an article about DSBsc and then a construction article about
> making a synchronous detector (about 1957 in "CQ"), I thought he
> worked for GE. They were talking about full blown DSB with proper
> detectors, to do away with the carrier but make use of the benefits
> of two sidebands. DSB is covered in the other SSB books, but there it's
> an intermediate step, simpler to build than an SSB transmitter but simpler
> and better than an AM transmitter, but one was expected to receive it
> with an SSB receiver which turned the DSB signal into an SSB signal before
> the product detector.
>
That's an interesting comment. I was reading a biography of Art Collins
recently and it mentions his efforts to get SSB into the Air Force, and
that it was in competition with G.E. wanting to push DSB.

One of the famous papers on this topic is "Poisson, Shannon and
the Radio Amateur" by John Costas in Proceedings of the I.R.E., December
1959, p. 2058. Costas covers a lot of ground in this paper, but a couple
of the points in favor of DSB are that you can recover the carrier
precisely from the signal, rather than having a local oscillator that
is approximately the correct frequency of the carrier. And that you
add the energy from the two sidebands coherently, so that just as
Shannon proposes you gain SNR by occupying more bandwidth. I guess the
attraction of SSB was that you get twice as many channels in the same
piece of spectrum as you do with DSB. And having an approximately correct
carrier frequency is good enough for most purposes, and is not hard to
achieve. Also Art Collins may have had better connections with his
friendship with Curtis LeMay and Butch Griswold. He participated in the
famous flying demonstrations of the capabilities of SSB. So far as I
know G.E. didn't get to do the same thing with DSB.

At any rate, Costas was one of G.E.s wise men.

316. Re: Technical Books available for download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 21:23:03 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <Vo2dnaZ57MwnaiHWnZ2dnUVZ_g6dnZ2d@earthlink.com>
Source record: 1286

"Scott Dorsey" <kludge@panix.com> wrote in message
news:hpi3ra$k1m$1@panix2.panix.com...
> Edward Knobloch <alias@nowhere.net> wrote:
>>Pete Millett has recently moved to a new hosting site, and
>>expanded
>>his collection of old electronics textbooks available for
>>download.
>>The new site is here:
>>http://www.tubebooks.org/technical_books_online.htm
>
> I just want to point out here that the one, most amazing
> and wonderful
> thing that Mr. Millett has done has been to not only scan
> and make available
> the always-rare RCA HB-3 tube handbook, but also to
> cross-index it so that
> individual tube data sheets could be found quickly online.
>
> The HB-3 manual is the one that was sold to engineers
> designing equipment,
> as opposed to the RC manuals sold to servicepeople or
> available at your
> local electronics parts place. It contains all the curves
> for everything
> RCA made and it is just a tremendous and wonderful
> resource. I cannot thank
> Mr. Millett enough for making this available.
>
> I say that even having obtained a paper copy of the whole
> manual... the online
> version is just faster to find material in.
> --scott

I don't think he has the complete HB-3 yet, still a
work in progress. Pete's site is amazing and wonderful, much
extremely valuable stuff some quite rare. The scans are
supberb, a superlative I rarely use. Fortunately, I have
access to a very high speed connection and have downloaded
nearly everything he has on the site. The new site is easier
to navigate than the original one, which BTW still exists
and has a lot of audio stuff on it. Fans of McIntosh amps
and other equipment should take note because he has many
McIntosh insruction manuals and service notes there.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

317. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 21:45:52 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <nYCdnd3EZNqKYCHWnZ2dnUVZ_r2dnZ2d@earthlink.com>
Source record: 1287

"SventheViking" <dachsies@shaw.ca> wrote in message
news:90010a66-27ad-498b-a7b4-4fa704c5b909@x20g2000yqb.googlegroups.com...
On Apr 2, 2:09 am, "Richard Knoppow"
<dickb...@ix.netcom.com> wrote:
> "Scott Dorsey" <klu...@panix.com> wrote in message
>
> news:hp28m5$1uf$1@panix2.panix.com...
>
>
>
>
>
> > coffelt2 <coffe...@comcast.net> wrote:
>
> >> D-104C had a "ceramic" crystal element which was far
> >> more tolerant of
> >>moisture, shock, etc.
> >>I can't remember just now what the frequency response
> >>was
> >>(compared to the
> >>original) but when
> >>I used one, I was looked down upon as a traitor to
> >>tradition.
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> > You can no longer get either the original crystal
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> > or the ceramic
> > element, but Astatic will sell you a dynamic
> > replacement.
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> > The dynamic is a whole lot smoother and less brittle
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> > that's a bad thing in a pileup.
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> >>could just walk around the shack, and in some instances,
> >>around the house
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> > They were very, very omnidirectional compared other
> > communications mikes

> > back then. The good part of this was the effect you
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> > background were
> > also very readable on the air.
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> > I am currently using an old Turner microphone and like
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> > Also I am a fan of some of the older EV desk
> > microphones,
> > which still turn
> > up cheaply at hamfests. If you find a low-Z mike that
> > you like, there is
> > no reason you can't just stick a step-up transformer in
> > the base to drive
> > the Viking.
> > --scott
>
> There aren't many polar patterns published for cheaper
> mics but the directional properties of mics like the D-104
> are mostly due to the diffraction around the body. At low
> frequencies they are almost perfectly omnidirectional but
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> some frequency begin to have some directionality which
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> a rise in the frequency response unless its compensated in
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> whether these had baffles on them but the elements were
> mounted in a way that also tended to reduce the cavity
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> were tried to aleviate this effect, mostly with limited
> success. Electrical filters, which would have been a
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> solution, while known in the telephone industry, were not
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> electrical wave filters was developed by George A.
> Campbell,
> of Bell Labs, in the mid 'teens. This was cosidered very
> advanced stuff at the time.
> I am not surprized that no one makes crystal or ceramic
> elements any more. For the most part microphones to fill
> similar applications now are electrets.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com- Hide quoted text -
>
> - Show quoted text -

Thanks Richard and everyone else here. (For some reason my
email wasn
t "beeped" when these responses came so I am a bit behind
and have
some heavy reading to do here, but seems to be a wealth of
important
info here that i have to digest, then start the search
engines to find
an appropriate mic(s). Most Vikings I have seen have a
D-104 with
them but the specifics as to their innards of course is a
guess.
Thanks again and best 73s for now. Guess I better keep
checking back
here from time to time. 73s,
Wayne

As mentioned before while the D-104 was an excellent
mic for ham use it was not the only one. _Any_ high
impedance mic will work with the Viking, most have enough
output. For good speech intelegibility in the presense of
noise its desirable to favor the upper-mid frequencies,
i.e., from about 1000 to 3000 hz since that is where the

energy that carries the inteligence is. Most of the power is below 1000 hz, so a system with a cut off of around 300 hz and rising characteristic will put more of the modulation power in the range necessary for understandability. However, for naturalness you need some lows. Bell Labs, in their research for minimum bandwidths for telephone service found that inteligibility needs frequencies up to about 2800 hz but that, on the low end, it was found that voices were unnatural sounding unless the low end was extended to 250 or 300 hz. The phone company adopted a channel bandwidth of 2500 hz extending from 250hz to 2750hz. In fact, a wider bandwidth will sound better. On a noise-free channel wide-band, uncompressed speech has the best intelligibility but in the presense of noise band limited speech with spectrum shaping (fancy for rising frequency response) and compression or clipping, is more inteligible. A paper by Licklidder et.al, published in the _Journal of the Acoustical Society of America_ about 1948 reported experiments with _infinite_ speech clipping. Licklidder found that if speech was put through a differentiator (6db per octave high pass RC network) infinitely clipped (NO amplitude variations at all left) and then integrated (6db per octave RC low pass filter) the intelligibility was perserved and improved where the speech was competing with noise. In a quiet channel the unprocessed speech was better but the clipped speech still has something like an 80% articulation score. When in a very noisey channel the clipped speech maintained its score where untreated speech fell off severely.
Lots of mics, both old and new, will work this this transmitter.

--

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

318. FA: 3" dia 400 Hz cooling fan (correct link)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-07 23:05:31 UTC
From: WKW <worley45@aol.com>
Message-ID: <Xns9D53B809D88BBworley45aolcom@216.196.97.130>
Source record: 1288
Cross-posted to: misc.industry.electronics.marketplace,rec.radio.amateur.boatanchors,rec.radio.swap

Mil surplus 3" dia. 115 VAC 400 Hz.equipment cooling fan. Made by IMC Magnetics Corp. model IMCool 300. Speed is 13,000 rpm, 0.23 A current. More available, all tested. See link below. I have at leat 20 even though only one is listed on the site.

<http://us.ebid.net/for-sale/3-equipment-cooling-fan-115vac-400hz-26065253.htm>

Be sure you get the whole link and it ends in .htm in your browser. I've had problems with the end (on the 2nd line) being cut off when people click it.

319. D-104 mic -JFET amplifier for base stand

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-08 17:22:40 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <rtqdnczYqsVjjSPWnZ2dnUVZ_o6dnZ2d@giganews.com>
Source record: 1289

Hi, Gang

I stumbled upon web site with info about replacing
the bipolar transistor amplifier in the base of some D-104 mics
with a JFET amplifier for improved performance.

http://www.ko4bb.com/Manuals/08%29_Misc_Ham_Equipment/Improving_the_D-104_N9WB_rev2.pdf

73,
Ed Knobloch

320. Fiddle

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-09 02:39:47 UTC
From: David Stinson <arc5@ix.netcom.com>
Message-ID: <cMOdnUTYAJbhDiPWnZ2dnUVZ_qednZ2d@earthlink.com>
Source record: 1290

Sticks

321. Re: VIKING II microphones

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-10 12:20:42 UTC
From: kludge@panix.com
Message-ID: <hppqeq$557$1@panix2.panix.com>
Source record: 1291

>Thanks Richard and everyone else here. (For some reason my email wasn
>�t "beeped" when these responses came so I am a bit behind and have
>some heavy reading to do here, but seems to be a wealth of important
>info here that i have to digest, then start the search engines to find
>an appropriate mic(s). Most Vikings I have seen have a D-104 with
>them but the specifics as to their innards of course is a guess.

Well, the reason why there were different innards, and the reason why there are so many different mikes in general, is because there are lots of applications.

A taxi dispatcher in a noisy garage is probably going to want a very different mike than an airport radio operator in a quiet tower who wants to talk some distance from the mike.

There are hams out there who seem obsessed with trying to sound like Gary Owens. There are some who seem obsessed with getting the most natural voice sound. There are others who seem obsessed with getting the most voice intelligibility at the costs of natural sound. And others just want to sound different so they stand out in a pileup. Pick any one you want, there's a microphone for it.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

322. Hallicrafters SX-28 Bias

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-11 13:18:30 UTC
From: Hank <foglesong@montrose.net>
Message-ID: <c82269a3-4e25-4d40-9c2d-7aa38a76e9d6@b33g2000yqc.googlegroups.com>
Source record: 1292

Can someone tell me approximately what the AGC voltage (first and second RF amps) and AVC voltage (first IF) should be for, say, a S-9 signal level? I need some benchmark information that I can compare my receiver voltages to.

Thank you in advance for any help you can give me.

323. NICE HALLICRAFTERS SX-115 ON E-BAY

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-12 20:33:52 UTC
From: Nomad <cpa599@gmail.com>
Message-ID: <7e69ea56-c39e-4339-ab6c-2ce7723df4e0@5g2000yqj.googlegroups.com>
Source record: 1293
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap

NICE HALLICRAFTERS SX-115 ON E-BAY

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110518747638&ssPageName=STRK:MESELX:IT

324. R-648/ARR-41 on Goodwill Auction site

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-13 18:16:14 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <d4680eab-837c-4ca0-bff7-b8fc5c90a869@z3g2000yqz.googlegroups.com>
Source record: 1294

Found this on the Goodwill Auction web site:
http://www.shopgoodwill.com/viewItem.asp?ItemID=6070734

No picture of the in side, so it may not have dynamotor or Collins
filters still in it.

Paul, KD7HB

325. WANTED: VINTAGE MOBILE HF Ham ANTENNAS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-15 20:20:08 UTC
From: Norm VE3CZI <rodemi@cogeco.ca>
Message-ID: <AyKxn.140029$9b5.73312@newsfe01.iad>
Source record: 1295
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.swap

Am looking for Vintage Mobile Antennas that were used in the 1950 - 1970's
Please advise availability, price and pictures.
73...Norm VE3CZI

326. Re: WANTED: VINTAGE MOBILE HF Ham ANTENNAS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-16 15:31:47 UTC
From: Michael Coslo <mjc5@psu.edu>
Message-ID: <hq9vt3$fg5a$2@tr22n12.aset.psu.edu>
Source record: 1296
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.swap

Norm VE3CZI wrote:
> Am looking for Vintage Mobile Antennas that were used in the 1950 - 1970's
> Please advise availability, price and pictures.

Hey Norm,

You gotta tell us what you are doing here, sounds like it might be
interesting..

- 73 de Mike N3LI -

327. S-meter for BC-348 / BC-312

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-16 20:15:16 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4bc8c552$0$1102$4fafbaef@reader4.news.tin.it>
Source record: 1297

Searching the web I was unable to find a diagram for adding an S-meter to the BC-312 and BC-348.

Clearly I could try typical S-meter circuits, but I wish to keep the receiver as original as possible, and I would then prefer to directly build a proven circuit.

The circuit should have a fairly simple interface with the receiver, so that the meter can be easily put externally,

Thanks and 73

Tony I0JX

Rome - Italy

328. Re: S-meter for BC-348 / BC-312

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-17 00:02:10 UTC
From: denali <007denali@comcast.net>
Message-ID: <1776852d-57d4-4dae-9a28-92f803b3d51c@i25g2000yqm.googlegroups.com>
Source record: 1298

On Apr 16, 1:15 pm, "Antonio Vernucci" <vernu...@tin.it> wrote:
> Searching the web I was unable to find a diagram for adding an S-meter to the
> BC-312 and BC-348.
>
> Clearly I could try typical S-meter circuits, but I wish to keep the receiver as
> original as possible, and I would then prefer to directly build a proven
> circuit.
>
> The circuit should have a fairly simple interface with the receiver, so that the
> meter can be easily put externally,
>
> Thanks and 73
>
> Tony I0JX
>
> Rome - Italy

My first serious receiver was a BC-312.... 1952 I think. Except for
the lack of band-spread it's a great receiver. Here is a link to a
circuit for adding an S-meter. I don't recall how I modified mine,
but this looks good.

http://www.mines.uidaho.edu/~glowbugs/PDF%20files/BC342/BC342mods.pdf

Don ex KL7BCQ and W7SAT

329. W2DU's Reflections III is now available from CQ Communications, Inc.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-17 02:33:49 UTC
From: walt <walt@w2du.com>
Message-ID: <0f5ab831-5cb0-45c2-957c-80ec2546ddd8@j5g2000vbl.googlegroups.com>
Source record: 1299

To order a copy of Reflections III, authored by Walt Maxwell, go to W2DU's web site at www.w2du.com, and follow the links to the CQ pages.

A significant discount is available when ordering by 5/10/10.

Walt, W2DU

330. Re: S-meter for BC-348 / BC-312

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-17 07:03:56 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4bc95d5b$0$1109$4fafbaef@reader2.news.tin.it>
Source record: 1300

My first serious receiver was a BC-312.... 1952 I think. Except for
the lack of band-spread it's a great receiver. Here is a link to a
circuit for adding an S-meter. I don't recall how I modified mine,
but this looks good.

http://www.mines.uidaho.edu/~glowbugs/PDF%20files/BC342/BC342mods.pdf

Don ex KL7BCQ and W7SAT

Thanks for info. It looks fairly simple and implies a fairly simple and
restorable modification.

I must check whether the same circuit can be used for the BC-348 too.

Thanks & 73

Tony I0JX

331. wholesale high quality and low price Burberry Shoes in http://www.brandtrade10.com

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-17 08:09:20 UTC
From: "www.sneaker-shop08.com" <yijeans12@163.com>
Message-ID: <6dde8244-f3fa-4348-a286-d1f8cc334cf2@r1g2000yqb.googlegroups.com>
Source record: 1101
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

wholesale high quality and low price Burberry Shoes in http://www.brandtrade10.com

332. Re: WANTED: VINTAGE MOBILE HF Ham ANTENNAS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-17 11:54:03 UTC
From: kludge@panix.com
Message-ID: <hqc7gr$i9q$1@panix2.panix.com>
Source record: 1102
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.swap

Norm VE3CZI <rodemi@cogeco.ca> wrote:
>Am looking for Vintage Mobile Antennas that were used in the 1950 - 1970's
>Please advise availability, price and pictures.

Two points:

1. The ARRL Mobile Manual had a bunch of homebrew antenna projects, some built from parts and some built from military surplus bits and pieces. Back then, a _lot_ of hams were running homebrew antennae.

2. There are a lot of military surplus mobile antennae available from Fair Radio Sales, and again that stuff was a lot more popular back in the fifties and sixties than purpose-built ham antennae.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

333. Re: NICE HALLICRAFTERS SX-115 ON E-BAY

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-18 12:29:32 UTC
From: Nomad <cpa599@gmail.com>
Message-ID: <e75840c1-bc5d-451b-bae4-5034aed59486@h27g2000yqm.googlegroups.com>
Source record: 1103
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap

$455.00 last day

NICE HALLICRAFTERS SX-115 ON E-BAY

> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110518747638&ssPag...

334. johnson viking valiant ii

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-19 06:51:39 UTC
From: carlos10 <carlos10.611e1cb@radiobanter.com>
Message-ID: <carlos10.611e1cb@radiobanter.com>
Source record: 1104

hi, have here a valiant ii transmitter without the crystal dummy knob,
to cover the crystal holder,
now in the hole someone put a 6,3 audio female audio plug,
thas can easely removed,
deeper a see a radio tube socket, seems to be original,
question, how do you put the cristals in place,
is there somthing to plugin in the tube socket,
what parts most be present to work with the crystals,
can you change crystals from the frontpanel hole labeled crystals
thanks carlos

--
carlos10

335. Re: johnson viking valiant ii

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-19 14:36:05 UTC
From: Roger Johnson <n1rj~@roadrunner.com>
Message-ID: <oTZyn.234663$K81.154069@newsfe18.iad>
Source record: 1105

carlos10 wrote:
> hi, have here a valiant ii transmitter without the crystal dummy knob,
> to cover the crystal holder,
> now in the hole someone put a 6,3 audio female audio plug,
> thas can easely removed,
> deeper a see a radio tube socket, seems to be original,
> question, how do you put the cristals in place,
> is there somthing to plugin in the tube socket,
> what parts most be present to work with the crystals,
> can you change crystals from the frontpanel hole labeled crystals
> thanks carlos
>
>
>
>
You can plug 2 of the old FT-243 style crystals into an octal
socket. You will have to look in the manual for the proper
orientation.

73, Roger

336. Re: WANTED: VINTAGE MOBILE HF Ham ANTENNAS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-19 14:55:40 UTC
From: Norm VE3CZI <rodemi@cogeco.ca>
Message-ID: <Z9_yn.60348$vC3.8214@newsfe04.iad>
Source record: 1106
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.swap

Appreciate all the replies received, direct and via the group.
I got my license in 1960 at age of 15. Everyone has a tendency to "collect" something..my interest in mobile antennas goes away back.
Operating HF Mobile is one of the greatest thrills I know of, including QRP!
The Magic of Radio still prevails !

Now that I'm retired, I can obtain some of these antennas and compare them with on the air evaluation..Not quite an Antenna shootout, but my own evaluation.

Doubt that I can sell them to Newer Hams when I'm ready to dispose of them, so will likely donate them to a local Radio Museum where the youth can see that many mobile antennas were not Screwdriver Antennas.

73...Norm VE3CZI

"Norm VE3CZI" <rodemi@cogeco.ca> wrote in message
news:AyKxn.140029$9b5.73312@newsfe01.iad...
> Am looking for Vintage Mobile Antennas that were used in the 1950 - 1970's
> Please advise availability, price and pictures.
> 73...Norm VE3CZI
>
>
>
>
>

337. Re: johnson viking valiant ii

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-19 15:45:10 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <A8mdneagIJEI51HWnZ2dnUVZ_qCdnZ2d@giganews.com>
Source record: 1107

On 4/19/2010 10:36 AM, Roger Johnson wrote:
> carlos10 wrote:
>> hi, have here a valiant ii transmitter without the crystal dummy knob,
>> to cover the crystal holder,
>> now in the hole someone put a 6,3 audio female audio plug,
>> thas can easely removed, deeper a see a radio tube socket, seems to be
>> original,
>> question, how do you put the cristals in place,
>> is there somthing to plugin in the tube socket,
>> what parts most be present to work with the crystals,
>> can you change crystals from the frontpanel hole labeled crystals
>> thanks carlos
>>
>>
>>
>>
> You can plug 2 of the old FT-243 style crystals into an octal
> socket. You will have to look in the manual for the proper
> orientation.
>
> 73, Roger

Hi,

You can also use two type HC-17/U fundamental mode crystals
in the octal socket. You should specify 32pF load capacitance
when you order them. Most crystal suppliers no longer offer
crystals in the old FT-243 holders.

The type HC-17/U holder is the same as the modern, hermetic,
HC-6/U holder, but has thicker pins to mate with the sockets
that were used with FT-243 crystals.

The crystals take the place of the VFO, whose output frequencies
were multiplied to get to the higher bands.
So if you want a crystal to operate on 14,200 , 21,300 or 28,400
you would plug in a 7,100 KHz crystal.

The manual has the chart of which crystals to use
for the desired band.

73,
Ed Knobloch

338. Re: johnson viking valiant ii

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-19 18:29:44 UTC
From: carlos10 <carlos10.6128a87@radiobanter.com>
Message-ID: <carlos10.6128a87@radiobanter.com>
Source record: 1108

Edward Knobloch;704856 Wrote:
> On 4/19/2010 10:36 AM, Roger Johnson wrote:-
> carlos10 wrote:-
> hi, have here a valiant ii transmitter without the crystal dummy
> knob,
> to cover the crystal holder,
> now in the hole someone put a 6,3 audio female audio plug,
> thas can easely removed, deeper a see a radio tube socket, seems to
> be
> original,
> question, how do you put the cristals in place,
> is there somthing to plugin in the tube socket,
> what parts most be present to work with the crystals,
> can you change crystals from the frontpanel hole labeled crystals
> thanks carlos
>
>
> -
> You can plug 2 of the old FT-243 style crystals into an octal
> socket. You will have to look in the manual for the proper
> orientation.
>
> 73, Roger-
>
> Hi,
>
> You can also use two type HC-17/U fundamental mode crystals
> in the octal socket. You should specify 32pF load capacitance
> when you order them. Most crystal suppliers no longer offer
> crystals in the old FT-243 holders.
>
> The type HC-17/U holder is the same as the modern, hermetic,
> HC-6/U holder, but has thicker pins to mate with the sockets
> that were used with FT-243 crystals.
>
> The crystals take the place of the VFO, whose output frequencies
> were multiplied to get to the higher bands.
> So if you want a crystal to operate on 14,200 , 21,300 or 28,400
> you would plug in a 7,100 KHz crystal.
>
> The manual has the chart of which crystals to use
> for the desired band.
>
> 73,

> Ed Knobloch

thanks guys,
as i understand the octal tube socket is in fact the crystal holder,
you can not have thick fingers to put crystals in place hi,
73 carlos

--
carlos10

339. Re: WANTED: VINTAGE MOBILE HF Ham ANTENNAS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-20 13:23:55 UTC
From: John <jrefme@bellsouth.net>
Message-ID: <e136f15d-4a04-4bb0-bfb3-feb8f1689280@l24g2000vbn.googlegroups.com>
Source record: 1109
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.swap

On Apr 15, 4:20 pm, "Norm VE3CZI" <rod...@cogeco.ca> wrote:
> Am looking for Vintage Mobile Antennas that were used in the 1950 - 1970's
> Please advise availability, price and pictures.
> 73...Norm VE3CZI

I HAVE A WEBSTER BANDSPANNER MOBILE ANTENNA BUT HAVEN'T USE IT FOR
MANY YEARS.
LAST TIME I USED IT WAS ON 75 AND 40 MTRS MOBILE WITH HEATHKIT SB104A
AND HAD MANY
CONTACTS ON EAST COAST. HAVE NO IDEA WHAT WOULD BE A REASONABLE SALE
PRICE.
HAVE NO NEED FOR IT NOW AS I AM AN OLD CODGER IN BAD HEALTH AND COULD
USE THE MONEY
TO PAY FOR LAST FOUR OPERATIONS. DON'T EXPECT TO BE HERE A LOT LONGER
AS ALL OPERATIONS
WERE ON HEART AND PAD AND NOW BLEEDING IN STOMACH FROM BLEEDING VEINS.
HAVE BEEN A HAM FOR OVER FIFTY YEARS, AND NOW HAVE MY OLD CALLSIGN
BACK THREE YEARS
AGO. K4ZYF, JOHN EVERHART , GREENVILLE SC

340. LA-400C Amp

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-20 21:24:04 UTC
From: "w4pqw@cox.net" <w4pqw@cox.net>
Message-ID: <53d0d20f-699f-4549-8936-7ae70851dc60@y17g2000yqd.googlegroups.com>
Source record: 1110

This amp was built by P&H Electronics in Lafayette Indiana in 1956..It used four 1625 tubes or 837 tubes in GG...The manual says that the 1625 tubes are modified ..Doesn`t say what sort of modifications they have..Tube Manual shows same pin-out ,same socket ,same connections etc..Anyone know what the modifcations might be...They both seem to operate all OK with about the same power out..I seem to remember an article some years back about removing the socket from the tube and changing some pin connections or whatever...any help appreciated..

341. Re: LA-400C Amp

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-20 22:57:09 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4bce314b$0$1127$4fafbaef@reader3.news.tin.it>
Source record: 1111

<w4pqw@cox.net> ha scritto nel messaggio
news:53d0d20f-699f-4549-8936-7ae70851dc60@y17g2000yqd.googlegroups.com...
> This amp was built by P&H Electronics in Lafayette Indiana in 1956..It
> used four 1625 tubes or 837 tubes in GG...The manual says that the
> 1625 tubes are modified ..Doesn`t say what sort of modifications they
> have..Tube Manual shows same pin-out ,same socket ,same connections
> etc..Anyone know what the modifcations might be...They both seem to
> operate all OK with about the same power out..I seem to remember an
> article some years back about removing the socket from the tube and
> changing some pin connections or whatever...any help appreciated..

If I remember it correctly, the modification consisted in separating the suppressor grid from the cathode, so that the tube can be operated as a triode.

Actually within the socket there are two separate wires for the suppressor grid and the cathode, both connected to pin 6. The modification consisted in de-soldering the suppressor grid wire and moving it to a free pin (pin 2 or pin 5).

Such a modification was not possible for the 807 (the 6.3V version of the 1625), because it only has five pins in total.

73

Tony I0JX

342. Re: johnson viking valiant ii

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-20 23:34:21 UTC
From: COLIN LAMB <k7fm@teleport.com>
Message-ID: <FrWdnW6Rc5xppFPWnZ2dnUVZ_uadnZ2d@earthlink.com>
Source record: 1112

Yes, the assumption is that you have very thin fingers to put the crystals in. I found a surgeon's tool with rubber tips, that works ok. You can also put some masking tape on the crystals to make a little handle sticking out the tip.

73, Colin K7FM

343. Re: johnson viking valiant ii

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-21 01:12:35 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <hqlje80g97@news5.newsguy.com>
Source record: 1113

COLIN LAMB wrote:
> Yes, the assumption is that you have very thin fingers to put the crystals
> in. I found a surgeon's tool with rubber tips, that works ok. You can also
> put some masking tape on the crystals to make a little handle sticking out
> the tip.
>
> 73, Colin K7FM

Now if I could only do that so easily when getting stuck in the middle
seat on a commercial airplane flight.

Wonder if I could wrap a masking tape handle around myself so that they
could extract me from the dreaded middle seat after a 4 hour flight?!?

-Bill

344. Re: johnson viking valiant ii

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-21 15:42:54 UTC
From: carlos10 <carlos10.614d925@radiobanter.com>
Message-ID: <carlos10.614d925@radiobanter.com>
Source record: 1114

COLIN LAMB;704965 Wrote:
> Yes, the assumption is that you have very thin fingers to put the
> crystals
> in. I found a surgeon's tool with rubber tips, that works ok. You can
> also
> put some masking tape on the crystals to make a little handle sticking
> out
> the tip.
>
> 73, Colin K7FM
ok colin, see wat i can do,
there was surely a better way for swapping the crystals,
wonder why they put the tube socket so deep,
the solution with the dummy knob for covering the hole was not a bad
idea,
unfortunaty it came not with the radio,
so finding one seems to be impossible, but who nows ....

--
carlos10

345. adidas NBA jersey

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-22 05:16:21 UTC
From: zaqwsx147852 <jinh59@yahoo.com>
Message-ID: <455d4d3a-5bb1-44b4-8242-cef9e9e49f0a@c20g2000prb.googlegroups.com>
Source record: 1115
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

,rec.radio.amateur.boatanchors ,rec.music.artists.debbie-gibsoncheap
wholesale . (http://www.supertradeonline06.com/)
NFL jersey wholesale (http://www.supertradeonline06.com/)
NFL NBA MLB NHL soccer soccer jerseys (http://
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nike brand,MLB jerseys china supplier (http://
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soccer jersey china supplier (http://www.supertradeonline06.com/)
soccer jerseys china wholesale.(http://www.supertradeonline06.com/)
wholesale soccer jersey,supply soccer jerseys (http://
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NBA jersey sale (http://www.supertradeonline06.com/)
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07 jersey NBA star (http://www.supertradeonline06.com/)
NBA jersey numbers (http://www.supertradeonline06.com/)
NBA vintage jersey NBA throw back jersey (http://
www.supertradeonline06.com/)
NBA jersey dress for woman (http://www.supertradeonline06.com/)
reebok NBA jersey (http://www.supertradeonline06.com/)
NBA jersey for toddler (http://www.supertradeonline06.com/)
old NBA jersey (http://www.supertradeonline06.com/)
youth NBA swingman jersey (http://www.supertradeonline06.com/)
NBA authentic basketball jersey (http://
www.supertradeonline06.com/)
basketball jersey NBA new style (http://www.supertradeonline06.com/)

NBA all star game jersey (http://www.supertradeonline06.com/)
NBA new jersey (http://www.supertradeonline06.com/)
adidas NBA jersey (http://www.supertradeonline06.com/)
official NBA jersey (http://www.supertradeonline06.com/)
classics hardwood jersey NBA (http://www.supertradeonline06.com/)
old school NBA jersey (http://www.supertradeonline06.com/)
NBA jersey for woman (http://www.supertradeonline06.com/)
classic NBA jersey (http://www.supertradeonline06.com/)
NFL jersey korea supplier(http://www.supertradeonline06.com/)
mitchell and ness NBA jersey (http://www.supertradeonline06.com/)
2009 game jersey NBA star (http://www.supertradeonline06.com/)
alternate jersey NBA (http://www.supertradeonline06.com/)
best selling NBA jersey (http://www.supertradeonline06.com/)
NBA jersey card (http://www.supertradeonline06.com/)
authenic NBA jersey (http://www.supertradeonline06.com/)
discount NBA jersey (http://www.supertradeonline06.com/)
Wholesale MLB jerseys,paypal,cheap MLB jersey(http://
www.supertradeonline06.com/)
wholesale football jerseys,(http://www.supertradeonline06.com/)
reebok MLB player jerseys,(http://www.supertradeonline06.com/)
authentic MLB jerseys,discount MLB
jerseys,mitchell ness jerseys,throwback (http://
www.supertradeonline06.com/)
Nice jerseys,replica MLB jerseys,(http://
www.supertradeonline06.com/)
women MLB jerseys,youth MLB (http://www.supertradeonline06.com/)
jerseys,official MLB jerseys,(http://www.supertradeonline06.com/)
pro Bowl jerseys,super bowl jerseys,(http://
www.supertradeonline06.com/)
nhljerseys,hockey jerseys,nba jerseys,(http://
www.supertradeonline06.com/)
all star jersey,mlb baseball jerseys (http://
www.supertradeonline06.com/)
(http://www.supertradeonline06.com/) paypal payment

346. Hermes real leather Purse <free shipping paypalpayment> http://www.brandtrade10.com

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-22 13:33:56 UTC
From: goodshoes <dfmkdg56565@yahoo.cn>
Message-ID: <233a9d41-44bf-4dcc-8e5e-565f28e63bd0@u9g2000prm.googlegroups.com>
Source record: 1116
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Chloe real leather Handbags
Chloe real leather Purse <free shipping paypal
payment> http://www.brandtrade10.com
Coach real leather Handbags
Coach real leather Purse
D&G real leather Handbags
D&G real leather Purse
Dior real leather Handbags <free shipping paypal
payment> http://www.brandtrade10.com
Dunhill real leather Purse
Fendi real leather Handbags <free shipping paypal
payment> http://www.brandtrade10.com
Gucci real leather Handbags
Gucci real leather Purse
Hermes real leather Handbags
Hermes real leather Purse <free shipping paypal
payment> http://www.brandtrade10.com
Jimmy Choo real leather Handbags
Jimmy Choo real leather Purse
Juicy real leather Handbags
Kooba real leather Handbags
Lancel real leather Handbags
Loewe real leather Handbags

347. D&G jeanscheap sale (http://www.brandtrade10.com)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-22 15:15:11 UTC
From: "www.brandtrade10.com" <yinweinisb@yahoo.cn>
Message-ID: <8997a030-8e70-4809-9210-9c04c079763d@q31g2000prf.googlegroups.com>
Source record: 1117
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

GGG hoodycheap sale (http://www.brandtrade10.com)
GGG T-shirtcheap sale (http://www.brandtrade10.com)
Armani T-shirtcheap sale (http://www.brandtrade10.com)
Armani shirtcheap sale (http://www.brandtrade10.com)
armani long t-shirtcheap sale (http://www.brandtrade10.com)
AF sweatercheap sale (http://www.brandtrade10.com)
AF women trousrscheap sale (http://www.brandtrade10.com)
AF men and women coatcheap sale (http://www.brandtrade10.com)
D&G jeanscheap sale (http://www.brandtrade10.com)
A&G T-shirtcheap sale (http://www.brandtrade10.com)
BBC scantiescheap sale (http://www.brandtrade10.com)
BBC jeanscheap sale (http://www.brandtrade10.com)
BBC hoodycheap sale (http://www.brandtrade10.com)
BBC T-shirtcheap sale (http://www.brandtrade10.com)
LRG jeanscheap sale (http://www.brandtrade10.com)

348. Re: LA-400C Amp

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-24 00:20:17 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <hqtdltcvn1@news.eternal-september.org>
Source record: 1118

Antonio Vernucci wrote:
> <w4pqw@cox.net> ha scritto nel messaggio
> news:53d0d20f-699f-4549-8936-7ae70851dc60@y17g2000yqd.googlegroups.com...
>> This amp was built by P&H Electronics in Lafayette Indiana in 1956..It
>> used four 1625 tubes or 837 tubes in GG...The manual says that the
>> 1625 tubes are modified ..Doesn`t say what sort of modifications they
>> have..Tube Manual shows same pin-out ,same socket ,same connections
>> etc..Anyone know what the modifcations might be...They both seem to
>> operate all OK with about the same power out..I seem to remember an
>> article some years back about removing the socket from the tube and
>> changing some pin connections or whatever...any help appreciated..
>
> If I remember it correctly, the modification consisted in separating the
> suppressor grid from the cathode, so that the tube can be operated as a
> triode.
>
> Actually within the socket there are two separate wires for the
> suppressor grid and the cathode, both connected to pin 6. The
> modification consisted in de-soldering the suppressor grid wire and
> moving it to a free pin (pin 2 or pin 5).
>
> Such a modification was not possible for the 807 (the 6.3V version of
> the 1625), because it only has five pins in total.
>
> 73
>
> Tony I0JX
If the 807 in question has two wires going to the same pin it would be possible to remove the base and replace it with a 6 or 7 pin base (or even an octal base) from a dead tube and move the suppressor to its own pin. OR you could just connect the suppressor to one of the other grid pins since you're going to run the tube in grounded grid anyway. Either way though it's no longer an 807 and should be marked as such in case the tube ends up elsewhere.

I wonder if the 6BG6G sweep tube (or even the 6L6G) was also made in the same way, with the suppressor having its own wire outside of the bulb? The 6BG6G is almost an 807 in an octal base. The only difference is that the 807 has extra RF shielding and sometimes ceramic plate supports lacking in the 6BG6G. Both tubes are derived from the 6L6G.

349. SMET Man T-Shirt paypal wholesale http://www.brandtrade10.com

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-24 08:08:20 UTC
From: "www.brandtrade10.com" <thetiantang@yahoo.cn>
Message-ID: <5d1038d0-faa5-4730-98b5-e27e1f44bc33@w20g2000prm.googlegroups.com>
Source record: 1119
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Evisu Man T-Shirt paypal sale http://www.brandtrade10.com
Gino Green Global Man T-Shirt paypal sale http://www.brandtrade10.com
G-Star Man T-Shirt paypal sale http://www.brandtrade10.com
Juicy Women T-Shirt paypal sale http://www.brandtrade10.com
Lacoste T-Shirt paypal sale http://www.brandtrade10.com
LEVI'S Man T-Shirt paypal sale http://www.brandtrade10.com
LV Man T-Shirt paypal sale http://www.brandtrade10.com
Nike Man T-Shirt paypal sale http://www.brandtrade10.com
POLO T-Shirt paypal sale http://www.brandtrade10.com
SMET Man T-Shirt paypal sale http://www.brandtrade10.com
Smful Man T-Shirt paypal sale http://www.brandtrade10.com
Versace Man T-Shirt paypal sale http://www.brandtrade10.com
GUCCI T-Shirt paypal sale http://www.brandtrade10.com
Crown Holder T-Shirt paypal sale http://www.brandtrade10.com
Baby T-Shirt paypal sale http://www.brandtrade10.com
Akademiks T-Shirt paypal sale http://www.brandtrade10.com
Adidas T-Shirt paypal sale http://www.brandtrade10.com

350. Re: LA-400C Amp

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-24 18:17:44 UTC
From: Roger Johnson <n1rj~@roadrunner.com>
Message-ID: <_AGAn.123103$mn6.19565@newsfe07.iad>
Source record: 1120

Kenneth Scharf wrote:
> Antonio Vernucci wrote:
>> <w4pqw@cox.net> ha scritto nel messaggio
>> news:53d0d20f-699f-4549-8936-7ae70851dc60@y17g2000yqd.googlegroups.com...
>>> This amp was built by P&H Electronics in Lafayette Indiana in 1956..It
>>> used four 1625 tubes or 837 tubes in GG...The manual says that the
>>> 1625 tubes are modified ..Doesn`t say what sort of modifications they
>>> have..Tube Manual shows same pin-out ,same socket ,same connections
>>> etc..Anyone know what the modifcations might be...They both seem to
>>> operate all OK with about the same power out..I seem to remember an
>>> article some years back about removing the socket from the tube and
>>> changing some pin connections or whatever...any help appreciated..
>>
>> If I remember it correctly, the modification consisted in separating
>> the suppressor grid from the cathode, so that the tube can be operated
>> as a triode.
>>
>> Actually within the socket there are two separate wires for the
>> suppressor grid and the cathode, both connected to pin 6. The
>> modification consisted in de-soldering the suppressor grid wire and
>> moving it to a free pin (pin 2 or pin 5).
>>
>> Such a modification was not possible for the 807 (the 6.3V version of
>> the 1625), because it only has five pins in total.
>>
>> 73
>>
>> Tony I0J

I seem to remember only certain brands of 1625 were suitable for the mod.
Some brands had the supressor connected to the cathode inside the envelope.
I don't know if this also pertains to 807s.

73, Roger

351. Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-25 05:28:37 UTC
From: The Eternal Squire <eternalsquire@hotmail.com>
Message-ID: <6ad502bb-9b2d-4eb7-a101-a9744562d52a@g23g2000yqn.googlegroups.com>
Source record: 1121
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

All,

I'm currently considering a design for making a steampunk radio. I just
had an idea for the VFO that I want to run by those who have a far
better grasp of the abstract mathematics of harmonics than I do.

Suppose I have a DC motor running steady at 1000 RPM. Through a
X100 set of planetary gears I create a shaft spinning at 20,000 RPM,
which is pretty much the upper limit for small drills anyway. On the
shaft is a disk that is an etched circuit board with a star pattern,
that is,
500 conductors etched radiating from the center to the edge of the
disk.

Now I have a wiper that is laid across the edge of the disk to make or
break contact with the outside of the star pattern, with 12 Volts DC
potential on the wiper. Assuming the shaft was conductive and made
firm contact with the center of the star pattern, should I see a 10
Mhz
square wave, suitable for say a switching mixer?

Question: How bad are the phase noise and harmonics likely to be?

Thanks in advance,

The Eternal Squire

352. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-25 13:31:59 UTC
From: brian whatcott <betwys1@sbcglobal.net>
Message-ID: <TMidncMqe5nA2UnWnZ2dnUVZ_vSdnZ2d@giganews.com>
Source record: 1122
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

The Eternal Squire wrote:
> All,
>
> I'm currently considering a design for making a steampunk radio. I
> just
> had an idea for the VFO that I want to run by those who have a far
> better grasp of the abstract mathematics of harmonics than I do.
>
> Suppose I have a DC motor running steady at 1000 RPM. Through a
> X100 set of planetary gears I create a shaft spinning at 20,000 RPM,
> which is pretty much the upper limit for small drills anyway. On
> the
> shaft is a disk that is an etched circuit board with a star pattern,
> that is,
> 500 conductors etched radiating from the center to the edge of the
> disk.

***
20,000 rpm, so how many revs a second?
20000 rev/minute x 1/60 minutes/second = 333 rev/second
How many spokes?
333 rev/sec x 500 spokes/rev = 167000 spokes/sec
>
> Now I have a wiper that is laid across the edge of the disk to make or
> break contact with the outside of the star pattern, with 12 Volts DC
> potential on the wiper. Assuming the shaft was conductive and made
> firm contact with the center of the star pattern, should I see a 10
> Mhz
> square wave, suitable for say a switching mixer?

No, you would see a 167kHz square wave, with plenty of odd harmonics:
500 kHz, 833kHz, 1170kHz etc.
>
> Question: How bad are the phase noise and harmonics likely to be?
>
The harmonics speak for themselves. Mechanical rotation is hard to keep
constant.

> Thanks in advance,
>
> The Eternal Squire

You'rte most welcome

Brian W

353. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-25 15:00:17 UTC
From: kludge@panix.com
Message-ID: <hr1le1$622$1@panix2.panix.com>
Source record: 1123
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

The Eternal Squire <eternalsquire@hotmail.com> wrote:
>Now I have a wiper that is laid across the edge of the disk to make or
>break contact with the outside of the star pattern, with 12 Volts DC
>potential on the wiper. Assuming the shaft was conductive and made
>firm contact with the center of the star pattern, should I see a 10
>Mhz
>square wave, suitable for say a switching mixer?
>
>Question: How bad are the phase noise and harmonics likely to be?

Really bad, but the harmonics you can filter. Phase noise is going to
be way too high for anything but CW and your frequency stability won't
be anything to write home about. However, the system you describe was
built by Federal Electric in the 1920s, so it's at least practical.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

354. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-25 16:58:28 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <GoqdnctPLO0g6UnWnZ2dnUVZ_s6dnZ2d@earthlink.com>
Source record: 1124
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

"Scott Dorsey" <kludge@panix.com> wrote in message
news:hr1le1$622$1@panix2.panix.com...
> The Eternal Squire <eternalsquire@hotmail.com> wrote:
>>Now I have a wiper that is laid across the edge of the
>>disk to make or
>>break contact with the outside of the star pattern, with
>>12 Volts DC
>>potential on the wiper. Assuming the shaft was
>>conductive and made
>>firm contact with the center of the star pattern, should I
>>see a 10
>>Mhz
>>square wave, suitable for say a switching mixer?
>>
>>Question: How bad are the phase noise and harmonics
>>likely to be?
>
> Really bad, but the harmonics you can filter. Phase noise
> is going to
> be way too high for anything but CW and your frequency
> stability won't
> be anything to write home about. However, the system you
> describe was
> built by Federal Electric in the 1920s, so it's at least
> practical.
> --scott

I think Federal used the Poulsen arc converter, a
steady arc where this thing is more closely related to the
rotary arc, also used in early wireless. There were two
types of rotary arcs but both operated at much lower
interuption rates, typically at around 400 hz, and generated
the RF energy by means of tuned tank circuits. Federal
Telegraph held Poulsen patents and exploited them in series
of wireless telegraph stations mostly on the West coast of
the USA. The rotary arc is not to be confused with the
Alexanderson alternator, a mechanical generator of low RF
energy. The alternator put out fairly pure CW. The
Alexanderson patents were controlled by General Electric and
were one of the main reasons for the founding of RCA after
WW-1, that is, to maintain wireless in the US under US
control.
The Poulsen arc was widely used on board ships. The

device requires an atmosphere of hydrogen for the arc and
has a supply of alcohol to provide the gas by means of
disociation due to the arc. That gave the radio operator a
supply of drinkable alcohol which made the "sparks" popular.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

355. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-25 17:22:14 UTC
From: JIMMIE <JIMMIEDEE123@YAHOO.COM>
Message-ID: <e9076b4b-6d67-4994-83df-261b554d2683@k41g2000yqf.googlegroups.com>
Source record: 1125
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

On Apr 25, 1:28 am, The Eternal Squire <eternalsqu...@hotmail.com>
wrote:
> All,
>
> I'm currently considering a design for making a steampunk radio. I
> just
> had an idea for the VFO that I want to run by those who have a far
> better grasp of the abstract mathematics of harmonics than I do.
>
> Suppose I have a DC motor running steady at 1000 RPM. Through a
> X100 set of planetary gears I create a shaft spinning at 20,000 RPM,
> which is pretty much the upper limit for small drills anyway.   On
> the
> shaft is a disk that is an etched circuit board with a star pattern,
> that is,
> 500 conductors etched radiating from the center to the edge of the
> disk.
>
> Now I have a wiper that is laid across the edge of the disk to make or
> break contact with the outside of the star pattern, with 12 Volts DC
> potential on the wiper.   Assuming the shaft was conductive and made
> firm contact with the center of the star pattern, should I see a 10
> Mhz
> square wave, suitable for say a switching mixer?
>
> Question: How bad are the phase noise and harmonics likely to be?
>
> Thanks in advance,
>
> The Eternal Squire

Instead of mechanical contacts I would try an optical sensor but this
may not be very Steampunk. I have a friend who built a small steam
engine, for demo purposes he would run it on compressed air at 40K
RPM.

Jimmie

Jimmie

356. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-25 18:57:32 UTC
From: kludge@panix.com
Message-ID: <hr23as$2bi$1@panix2.panix.com>
Source record: 1126
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

Richard Knoppow <dickburk@ix.netcom.com> wrote:
> I think Federal used the Poulsen arc converter, a
>steady arc where this thing is more closely related to the
>rotary arc, also used in early wireless. There were two
>types of rotary arcs but both operated at much lower
>interuption rates, typically at around 400 hz, and generated
>the RF energy by means of tuned tank circuits.

The tuned tank circuit isn't generating the RF energy, it's just selecting the energy you want.

Interrupt an arc and you get lots of harmonics tied to the interruption rate, going way up. Run it through an RC filter and you can select the particular harmonic you want to transmit, shunting the others to ground (and throwing most of your power away in the process).

The Poulsen used a continuous arc which generated white noise.... you filter that noise out and you get a signal that is narrowband... and the narrower you filter it, the more power you lose. It's a lot less efficient than the rotary, even.

>Federal
>Telegraph held Poulsen patents and exploited them in series
>of wireless telegraph stations mostly on the West coast of
>the USA. The rotary arc is not to be confused with the
>Alexanderson alternator, a mechanical generator of low RF
>energy. The alternator put out fairly pure CW. The
>Alexanderson patents were controlled by General Electric and
>were one of the main reasons for the founding of RCA after
>WW-1, that is, to maintain wireless in the US under US
>control.

The Alexanderson puts out a very nice note.... the problem with it is keeping it on frequency, not phase noise. Oh, also keeping it from flying apart and exploding is another issue. It's a far higher tech device and much more difficult to make... and also not so effective at higher frequencies.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

357. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-25 20:16:49 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <pn89t5dcdchnbok1cra73uebpeg8alntt6@4ax.com>
Source record: 1127
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

On 25 Apr 2010 14:57:32 -0400, kludge@panix.com (Scott Dorsey) wrote:

>The Alexanderson puts out a very nice note.... the problem with it is keeping
>it on frequency, not phase noise. Oh, also keeping it from flying apart and
>exploding is another issue. It's a far higher tech device and much more
>difficult to make... and also not so effective at higher frequencies.

There is still one functional station (operated one day each year)
http://en.wikipedia.org/wiki/Grimeton_VLF_transmitter

358. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-26 00:10:29 UTC
From: raypsi <rborowiak@gmail.com>
Message-ID: <68820553-c73c-44e9-8e6d-f1352cd82173@12g2000yqi.googlegroups.com>
Source record: 1128
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

On Apr 25, 4:16 pm, Paul Keinanen <keina...@sci.fi> wrote:
> On 25 Apr 2010 14:57:32 -0400, klu...@panix.com (Scott Dorsey) wrote:
>
> >The Alexanderson puts out a very nice note.... the problem with it is keeping
> >it on frequency, not phase noise. Oh, also keeping it from flying apart and
> >exploding is another issue. It's a far higher tech device and much more
> >difficult to make... and also not so effective at higher frequencies.
>
> There is still one functional station (operated one day each
year)http://en.wikipedia.org/wiki/Grimeton_VLF_transmitter

Hey OM:
From:
http://en.wikipedia.org/wiki/Alexanderson_alternator

"Because of the limits of the number of poles and rotational speed of
a machine, the Alexanderson alternator is at most capable of
transmission in the lower mediumwave band, with shortwave and upper
bands being physically impossible."

Says it all?
73 OM
de n8zu

359. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-26 00:42:39 UTC
From: kludge@panix.com
Message-ID: <hr2nhv$3i2$1@panix2.panix.com>
Source record: 1129
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

raypsi <rborowiak@gmail.com> wrote:
>Hey OM:
>From:
> http://en.wikipedia.org/wiki/Alexanderson_alternator
>
>"Because of the limits of the number of poles and rotational speed of
>a machine, the Alexanderson alternator is at most capable of
>transmission in the lower mediumwave band, with shortwave and upper
>bands being physically impossible."
>
>Says it all?

The number of poles is part of the issue, but you'd think with modern machining technology you could make a big rotor with maybe a thousand poles. Problem is that if you do this, the capacitance kills you.

One possibility to run an Alexanderson alternator would be to run it into a nonlinear device and then select one harmonic out. Again, it's very inefficient....
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

360. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-26 00:51:17 UTC
From: Graeme Zimmer <gzimmer@wideband.net.au>
Message-ID: <es5Bn.91456$kj3.55660@newsfe08.iad>
Source record: 1130
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

It's been done: Have a look at:

An electro-mechanical RX for VLF.
http://www.wireless.org.uk/mechrx.htm

..... Zim

361. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-26 01:51:34 UTC
From: The Eternal Squire <eternalsquire@hotmail.com>
Message-ID: <56c84975-6c42-4208-9ff2-593a6bc3f4a6@y30g2000yqh.googlegroups.com>
Source record: 1131
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

On Apr 25, 6:51 pm, "Graeme Zimmer" <gzim...@wideband.net.au> wrote:
> It's been done: Have a look at:
>
> An electro-mechanical RX for VLF.http://www.wireless.org.uk/mechrx.htm
>
> ..... Zim

Very elegant! And no, I believe that photo etching a thousand poles
or more on
a copper-clad should be very possible with laser printing of the
master. The manufacturing
technology wouldn't be steampunk even if the results are :)

362. Collins 30S-1 Available

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-26 17:33:24 UTC
From: Sonny Hood <wrhood@cox.net>
Message-ID: <qhjbt5do92tnmqiqmjt383q4rkk8071ilk@4ax.com>
Source record: 1132

30S-1 HF Amplifier is available with copy of manual. Good shape, not tested, received as a donation to K4AMG Memorial Club. Proceeds to purchase radios and power supplies for the school kids that pass their FCC Exam and get their ticket, while enrolled in the WFOS broadcast radio class at the Chesapeake Center for Science and Technology.

Go to http://www.k4amg.com and e-mail the contact person for the particulars, 4CX1000A tube and etc.

363. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-26 20:07:03 UTC
From: terry <tsanford@nf.sympatico.ca>
Message-ID: <1af4b43b-76cb-4ff6-b949-bb7954278713@40g2000vbr.googlegroups.com>
Source record: 1133
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

On Apr 25, 11:31 am, brian whatcott <betw...@sbcglobal.net> wrote:
> The Eternal Squire wrote:
> > All,
>
> > I'm currently considering a design for making a steampunk radio. I
> > just
> > had an idea for the VFO that I want to run by those who have a far
> > better grasp of the abstract mathematics of harmonics than I do.
>
> > Suppose I have a DC motor running steady at 1000 RPM. Through a
> > X100 set of planetary gears I create a shaft spinning at 20,000 RPM,
> > which is pretty much the upper limit for small drills anyway.   On
> > the
> > shaft is a disk that is an etched circuit board with a star pattern,
> > that is,
> > 500 conductors etched radiating from the center to the edge of the
> > disk.
>
> ***
>   20,000 rpm, so how many revs a second?
> 20000 rev/minute x 1/60 minutes/second = 333 rev/second
> How many spokes?
> 333 rev/sec x   500 spokes/rev = 167000 spokes/sec
>
>
>
> > Now I have a wiper that is laid across the edge of the disk to make or
> > break contact with the outside of the star pattern, with 12 Volts DC
> > potential on the wiper.   Assuming the shaft was conductive and made
> > firm contact with the center of the star pattern, should I see a 10
> > Mhz
> > square wave, suitable for say a switching mixer?
>
> No, you would see a 167kHz square wave, with plenty of odd harmonics:
> 500 kHz, 833kHz, 1170kHz etc.
>
> > Question: How bad are the phase noise and harmonics likely to be?
>
> The harmonics speak for themselves. Mechanical rotation is hard to keep
> constant.
>
> > Thanks in advance,
>

> > The Eternal Squire
>
> You'rte most welcome
>
> Brian W- Hide quoted text -
>
> - Show quoted text -

Sounds like re-inventing the Alexanderson? rotary alternator transmitter in Scandinavia?
By the way 167 thousand cycles (167 kilohertz). Is right in the European 'Long Wave' broadcasting band! For example BBC is on 198 kilohertz just slightly longer than 1500 metres wavelength! (1515 metres).
Not sure what is the point of electromechanical frequency generation?

364. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-26 20:17:08 UTC
From: The Eternal Squire <eternalsquire@hotmail.com>
Message-ID: <2a1cbc32-96ef-4505-8f6b-4b424b339789@a16g2000vbr.googlegroups.com>
Source record: 1134
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

> Not sure what is the point of electromechanical frequency generation?- Hide quoted text -

Steampunk is an art movement all its own. Working artifacts are
collectible.

365. The Lost Tribes of RadioShack

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-27 01:34:33 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <admdnU2FNd7YokvWnZ2dnUVZ_rednZ2d@giganews.com>
Source record: 1135

RadioShack as seen by Wired.

http://www.wired.com/magazine/2010/04/ff_radioshack/

366. Re: Steampunk VFO?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-27 07:24:25 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <iJmdnYrpReOvDEvWnZ2dnUVZ_jWdnZ2d@earthlink.com>
Source record: 1136
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.boatanchors

"terry" <tsanford@nf.sympatico.ca> wrote in message
news:1af4b43b-76cb-4ff6-b949-bb7954278713@40g2000vbr.googlegroups.com...
On Apr 25, 11:31 am, brian whatcott <betw...@sbcglobal.net>
wrote:
> The Eternal Squire wrote:
> > All,
>
> > I'm currently considering a design for making a
> > steampunk radio. I
> > just
> > had an idea for the VFO that I want to run by those who
> > have a far
> > better grasp of the abstract mathematics of harmonics
> > than I do.
>
> > Suppose I have a DC motor running steady at 1000 RPM.
> > Through a
> > X100 set of planetary gears I create a shaft spinning at
> > 20,000 RPM,
> > which is pretty much the upper limit for small drills
> > anyway. On
> > the
> > shaft is a disk that is an etched circuit board with a
> > star pattern,
> > that is,
> > 500 conductors etched radiating from the center to the
> > edge of the
> > disk.
>
> ***
> 20,000 rpm, so how many revs a second?
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>
>
>
> > Now I have a wiper that is laid across the edge of the
> > disk to make or
> > break contact with the outside of the star pattern, with
> > 12 Volts DC
> > potential on the wiper. Assuming the shaft was
> > conductive and made

> > firm contact with the center of the star pattern, should
> > I see a 10
> > Mhz
> > square wave, suitable for say a switching mixer?
>
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> harmonics:
> 500 kHz, 833kHz, 1170kHz etc.
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> > Question: How bad are the phase noise and harmonics
> > likely to be?
>
> The harmonics speak for themselves. Mechanical rotation is
> hard to keep
> constant.
>
> > Thanks in advance,
>
> > The Eternal Squire
>
> You'rte most welcome
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> Brian W- Hide quoted text -
>
> - Show quoted text -

Sounds like re-inventing the Alexanderson? rotary alternator transmitter in Scandinavia?
By the way 167 thousand cycles (167 kilohertz). Is right in the
European 'Long Wave' broadcasting band! For example BBC is on 198
kilohertz just slightly longer than 1500 metres wavelength! (1515
metres).
Not sure what is the point of electromechanical frequency generation?

More like the rotary arc. The Alexanderson was a high-frequency alternator producing pretty pure CW. Several very large ones were built (200KW) operating at long wavelengths, perhaps up to a couple of hundred Khz. Some remained in service for decades.
Rotary arcs were used to generate modulated waves, so called MCW so that the detected code could be read without a modulator at the receiver. Typically they had interruption rates on the order of 500 hz. They were often called "rock crushers" because of the terrific mechanical noise they made.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

367. motorcycle jacket (paypal payment)(http://www.brandtrade10.com)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-28 08:53:51 UTC
From: "www.brandtrade10.com" <kissgoodbye5204@yahoo.com.cn>
Message-ID: <3233aa02-8a6b-4ace-adef-3dc5ca230da3@11g2000prv.googlegroups.com>
Source record: 1137
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

brand name hoodie (paypal payment)(http://www.brandtrade10.com)
hoodies wear (paypal payment)(http://www.brandtrade10.com)
fashion hoodie (paypal payment)(http://www.brandtrade10.com)
knitted hoodies (paypal payment)(http://www.brandtrade10.com)
hoodie jacket (paypal payment)(http://www.brandtrade10.com)
zipper hoodie
leather jacket (paypal payment)(http://www.brandtrade10.com)
motorcycle jacket (paypal payment)(http://www.brandtrade10.com)
fashion jackets (paypal payment)(http://www.brandtrade10.com)
brand jackets (paypal payment)(http://www.brandtrade10.com)
winter jackets (paypal payment)(http://www.brandtrade10.com)
motorbike jacket (paypal payment)(http://www.brandtrade10.com)
jacket tank (paypal payment)(http://www.brandtrade10.com)
men jacketing (paypal payment)(http://www.brandtrade10.com)
bulletproof jacket (paypal payment)(http://www.brandtrade10.com)
coogi jackets (paypal payment)(http://www.brandtrade10.com)
fashion brand accessories (paypal payment)(http://
www.brandtrade10.com)
jacket bag (paypal payment)(http://www.brandtrade10.com)
polar fleece jacket (paypal payment)(http://www.brandtrade10.com)

368. Re: Hallicrafters SX-28 Bias

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-28 14:03:44 UTC
From: Paul P <usenet@ppinyot.com>
Message-ID: <hr9f81dnr1@news.eternal-september.org>
Source record: 1138

"Hank" <foglesong@montrose.net> wrote in message
news:c82269a3-4e25-4d40-9c2d-7aa38a76e9d6@b33g2000yqc.googlegroups.com...
> Can someone tell me approximately what the AGC voltage (first and
> second RF amps) and AVC voltage (first IF) should be for, say, a S-9
> signal level? I need some benchmark information that I can compare my
> receiver voltages to.
>
> Thank you in advance for any help you can give me.

Hank,

http://bama.edebris.com/manuals/hallicra/sx28/

Page 14 has a voltage chart that includes some AVC voltages. But you may
already have this document.

Paul Pinyot.
http://bama.edebris.com/manuals/hallicra/

369. Re: D-104 mic -JFET amplifier for base stand

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-28 20:08:01 UTC
From: Paul P <usenet@ppinyot.com>
Message-ID: <hra4j2$a0e$1@news.eternal-september.org>
Source record: 1139

"Edward Knobloch" <alias@nowhere.net> wrote in message
news:rtqdnczYqsVjjSPWnZ2dnUVZ_o6dnZ2d@giganews.com...
> Hi, Gang
>
> I stumbled upon web site with info about replacing
> the bipolar transistor amplifier in the base of some D-104 mics
> with a JFET amplifier for improved performance.
>
> http://www.ko4bb.com/Manuals/08%29_Misc_Ham_Equipment/Improving_the_D-104_N9WB_rev2.pdf
>
> 73,
> Ed Knobloch
>

Thanks, I will save this for future reference.

Paul P

370. Bad transaction with Radio-Mart on Ebay?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-29 11:57:14 UTC
From: Good Neighbor <brianmadsen@earthlink.net>
Message-ID: <3fe8e575-fd08-4110-8a00-5e6f6b5e2176@t26g2000prt.googlegroups.com>
Source record: 1140

Anybody had any dealings with Radio-Mart recently? Apparently
extortion is the new game.

371. Re: Bad transaction with Radio-Mart on Ebay?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-29 15:10:48 UTC
From: Tim <rock_sci@hotmail.com>
Message-ID: <57e45a69-6c7d-45aa-a934-0582d207afd1@s4g2000prh.googlegroups.com>
Source record: 1141

On Apr 29, 4:57 am, Good Neighbor <brianmad...@earthlink.net> wrote:
> Anybody had any dealings with Radio-Mart recently? Apparently
> extortion is the new game.

Do a google search.

372. Re: Bad transaction with Radio-Mart on Ebay?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-04-29 23:56:22 UTC
From: sparky <sparky12x@yahoo.com>
Message-ID: <fb75bde7-932f-4c53-bb76-e206a9aacb7a@i9g2000yqi.googlegroups.com>
Source record: 1142

On Apr 29, 7:57 am, Good Neighbor <brianmad...@earthlink.net> wrote:
> Anybody had any dealings with Radio-Mart recently? Apparently
> extortion is the new game.

I think it is a very old game for him.

373. Gucci bags http://www.brandtrade10.com

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-04 02:55:27 UTC
From: buyclothing <jfkdk455678@yahoo.com.cn>
Message-ID: <010c55fb-6bfa-4f3f-9385-99441fb74038@g1g2000pro.googlegroups.com>
Source record: 1143
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

nike running (http://www.brandtrade10.com 0
prada shoes discount paypal sale (http://www.brandtrade10.com)
DSQ shoes(http://www.brandtrade10.com 0
nike football shoes discount paypal sale (http://
www.brandtrade10.com)
nike DUNK shoes discount paypal sale (http://www.brandtrade10.com)
Rift shoes discount paypal sale (http://www.brandtrade10.com)
NBA basketball shoes discount paypal sale (http://
www.brandtrade10.com)
adidas running discount paypal sale (http://www.brandtrade10.com)
adidas NBA shoes discount paypal sale (http://www.brandtrade10.com)
adidas 35th anniversary shoes discount paypal sale (http://
www.brandtrade10.com)
adicolor shoes discount paypal sale (http://www.brandtrade10.com)
adidas football shoes(http://www.brandtrade10.com 0
GGG hoody discount paypal sale (http://www.brandtrade10.com)
GGG T-shirt discount paypal sale (http://www.brandtrade10.com)
Armani T-shirt discount paypal sale (http://www.brandtrade10.com)
Armani shirt discount paypal sale (http://www.brandtrade10.com)
armani long t-shirt discount paypal sale (http://
www.brandtrade10.com)
AF sweater discount paypal sale (http://www.brandtrade10.com)
AF women trousrs discount paypal sale (http://www.brandtrade10.com)
AF men and women coat discount paypal sale (http://
www.brandtrade10.com)
D&G jeans discount paypal sale (http://www.brandtrade10.com)
A&G T-shirt discount paypal sale (http://www.brandtrade10.com)
BBC scanties discount paypal sale (http://www.brandtrade10.com)
BBC jeans discount paypal sale (http://www.brandtrade10.com)
BBC hoody discount paypal sale (http://www.brandtrade10.com)
BBC T-shirt discount paypal sale (http://www.brandtrade10.com)
LRG jeans discount paypal sale (http://www.brandtrade10.com)
LRG hoody discount paypal sale (http://www.brandtrade10.com)
LRG T-shirt discount paypal sale (http://www.brandtrade10.com)
Bape jeans discount paypal sale (http://www.brandtrade10.com)
Bape hoody discount paypal sale (http://www.brandtrade10.com)

374. Wanted: Vintage Tektronix Gear

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-04 07:38:39 UTC
From: Chris <cchhrriiss11@gmail.com>
Message-ID: <bfdbe0d3-9ffa-4881-8575-c590e5aecc95@q36g2000prg.googlegroups.com>
Source record: 1144

Hello Everyone,

I'm looking for old Tektronix equipment in the lower-mainland (British Columbia, Canada) - for hobbyist purposes. Anything - including 300-series, 400-series and 500-series oscilloscopes. As well as any accessories.

Since this is for a hobby of mine, I don't have a huge amount of money to spend, but will certainly try to be fair.

I have a passion for the older test equipment, especially Tektronix - I'm also interested in old HP test equipment if you've got any as well.

Let me know what you have and I'll come take it away.

Appreciate your time -

Regards,

Chris

375. AR88D - R10 resistor blows in the RF stage

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-04 11:16:07 UTC
From: timlad28 <timlad28.625fc9f@radiobanter.com>
Message-ID: <timlad28.625fc9f@radiobanter.com>
Source record: 1145

Hi,

I hope somebody could help me.

Recently acquired RCA AR88D. Resistor R10 (1000 ohms) in the RF stage
has blown. Replaced with new resistor and that also fried. Where should
I be looking?

Many thanks in advance,
Tim

--
timlad28

376. Re: AR88D - R10 resistor blows in the RF stage

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-04 18:23:23 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <O6adncmowNWD-33WnZ2dnUVZ_rGdnZ2d@earthlink.com>
Source record: 1146

"timlad28" <timlad28.625fc9f@radiobanter.com> wrote in
message news:timlad28.625fc9f@radiobanter.com...
>
> Hi,
>
> I hope somebody could help me.
>
> Recently acquired RCA AR88D. Resistor R10 (1000 ohms) in
> the RF stage
> has blown. Replaced with new resistor and that also fried.
> Where should
> I be looking?
>
> Many thanks in advance,
> Tim
>
>
>
>
> --
> timlad28

Check C-63, to see if its shorted.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

377. palladium shoe paypal sale http://www.brandtrade10.com

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-05 07:20:25 UTC
From: "www.brandtrade10.com" <nyhffdf6767@yahoo.cn>
Message-ID: <c5aeeaea-4612-46d1-ad32-764f4ed40187@u3g2000prl.googlegroups.com>
Source record: 1147
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

hitec paypal saler http://www.brandtrade10.com
cal?ados hi tec paypal saler http://www.brandtrade10.com
hi tech cal?ados paypal saler http://www.brandtrade10.com
Pumas Shoes paypal saler http://www.brandtrade10.com
hi tec paypal saler http://www.brandtrade10.com
ecco shoe paypal saler http://www.brandtrade10.com
aqua socks paypal sale http://www.brandtrade10.com
puma shoes paypal saler http://www.brandtrade10.com
sport shoes paypal sale http://www.brandtrade10.com
small size ladies shoes paypal sale http://www.brandtrade10.com
small ladies shoes paypal sale http://www.brandtrade10.com
Shoes Timberland paypal saler http://www.brandtrade10.com
Leather Shoe paypal sale http://www.brandtrade10.com
clarks shoe paypal sale http://www.brandtrade10.com
candies shoes paypal sale http://www.brandtrade10.com
shoe laces paypal sale http://www.brandtrade10.com
Converse Shoe paypal sale http://www.brandtrade10.com

palladium shoe paypal sale http://www.brandtrade10.com
Shoes sale paypal sale http://www.brandtrade10.com
naturino shoes paypal sale http://www.brandtrade10.com
sportiva mythos paypal saler http://www.brandtrade10.com
shimano shoes paypal sale http://www.brandtrade10.com
Sporting Goods paypal sale http://www.brandtrade10.com
footwear brand paypal sale http://www.brandtrade10.com
ladies wide shoes paypal sale http://www.brandtrade10.com
ladies dress shoes paypal sale http://www.brandtrade10.com
ladies casual shoes paypal sale http://www.brandtrade10.com
men shoe paypal saler http://www.brandtrade10.com
clarks shoes womens paypal sale http://www.brandtrade10.com
Shoe Ladies paypal sale http://www.brandtrade10.com
shoes stores paypal sale http://www.brandtrade10.com
discount clarks shoes paypal sale http://www.brandtrade10.com
timberland shoe paypal sale http://www.brandtrade10.com
quick shoes paypal sale http://www.brandtrade10.com
dress shoe paypal sale http://www.brandtrade10.com
men's shoe paypal sale http://www.brandtrade10.com
casual shoe paypal saler http://www.brandtrade10.com
leather shoes paypal sale http://www.brandtrade10.com

378. Balun Transformer Identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-05 19:22:00 UTC
From: M0WYM <Sansspam@peartreegreen.org>
Message-ID: <hrsggo$j62$1@news.albasani.net>
Source record: 1148

I wonder if anyone can identify the balun I bought at a sale
recently which I think is probably American. It is housed in a grey
painted metal box approx 3 in wide x 2.5 in high x 2.5 in deep with
a mounting bracket spot welded to the base. It has an Amphenol SO239
socket and four ceramic terminals which can be connected to
provide matching to 75 or 300 ohms. Markings on the side are CMC
173-160 , CMC/CGP 170-800 and FL 241-A.

I have put up two pics at
www.radiowymsey.org/rf1.jpg and
www.radiowymsey.org/rf2.jpg

TIA,

Charlie.

--
M0WYM
www.radiowymsey.org

Sales @ radiowymsey
http://shop.ebay.co.uk/gnome7763/m.html?

379. Re: Balun Transformer Identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-06 02:13:04 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <64019608-cad4-4842-a7fd-c1d704e1e85a@d39g2000yqa.googlegroups.com>
Source record: 1149

On May 5, 12:22 pm, M0WYM <Sanss...@peartreegreen.org> wrote:
> I wonder if anyone can identify the balun I bought at a sale
> recently which I think is probably American. It is housed in a grey
> painted metal box approx 3 in wide x 2.5 in high x 2.5 in deep with
> a mounting bracket spot welded to the base. It has an Amphenol SO239
> socket and four ceramic terminals which can be connected to
> provide matching to 75 or 300 ohms. Markings on the side are CMC
> 173-160 , CMC/CGP 170-800 and FL 241-A.
>
> I have put up two pics atwww.radiowymsey.org/rf1.jpgandwww.radiowymsey.org/rf2.jpg
>
> TIA,
>
> Charlie.
>
> --
> M0WYMwww.radiowymsey.org
>
> Sales @ radiowymseyhttp://shop.ebay.co.uk/gnome7763/m.html?

Both pictures seem to be "not found".
Paul, kd7hb

380. Re: Balun Transformer Identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-06 07:40:36 UTC
From: M0WYM <Sansspam@peartreegreen.org>
Message-ID: <hrtrpk$jd9$1@news.albasani.net>
Source record: 1150

pdrahn@coinet.com wrote:

>
> Both pictures seem to be "not found".
> Paul, kd7hb

Paul,

I did check the URLs before posting and have just checked again -
both OK.

Charlie.

--
M0WYM
www.radiowymsey.org

Sales @ radiowymsey
http://shop.ebay.co.uk/gnome7763/m.html?

381. Re: Balun Transformer Identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-06 13:28:10 UTC
From: mikea <mikea@mikea.ath.cx>
Message-ID: <aosab7-l8k.ln1@mikea.ath.cx>
Source record: 1151

M0WYM <Sansspam@peartreegreen.org> wrote in <hrtrpk$jd9$1@news.albasani.net>:
> pdrahn@coinet.com wrote:
>
>>
>> Both pictures seem to be "not found".
>> Paul, kd7hb
>
> Paul,
>
> I did check the URLs before posting and have just checked again -
> both OK.

Both work here:
<http://www.radiowymsey.org/rf1.jpg>
and
<http://www.radiowymsey.org/rf2.jpg>

--
Mike Andrews, W5EGO
mikea@mikea.ath.cx
Tired old sysadmin

382. Bape jeans discount paypal (http://www.brandtrade10.com)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-08 03:36:12 UTC
From: "www.jersey-2009.com" <brandjersey@163.com>
Message-ID: <da2980be-7212-4243-b9f2-7a5fc423bfa3@k25g2000prh.googlegroups.com>
Source record: 1152

Bape jeans discount paypal (http://www.brandtrade10.com)
Bape hoody discount paypal (http://www.brandtrade10.com)
Bape t-shirt discount paypal (http://www.brandtrade10.com)
Evisu long t-shit discount paypal (http://www.brandtrade10.com)
Evisu original jeans discount paypal (http://www.brandtrade10.com)
Evisu jeans wear discount paypal (http://www.brandtrade10.com)
Evisu hoody discount paypal (http://www.brandtrade10.com)
Evisu jeans discount paypal (http://www.brandtrade10.com)
Evisu T-shirt discount paypal (http://www.brandtrade10.com)

383. Re: AR88D - R10 resistor blows in the RF stage

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-09 17:32:14 UTC
From: timlad28 <timlad28.62ce87d@radiobanter.com>
Message-ID: <timlad28.62ce87d@radiobanter.com>
Source record: 1155

Hi Richard,

Finally had the time today to check C-63 and yes, it had shorted. It
was replaced and the AR88D burst back into life. Many thanks for
helping me out - it's really appreciated!

All the best,
Tim

Richard Knoppow;706290 Wrote:
> "timlad28" timlad28.625fc9f@radiobanter.com wrote in
> message news:timlad28.625fc9f@radiobanter.com...-
>
> Hi,
>
> I hope somebody could help me.
>
> Recently acquired RCA AR88D. Resistor R10 (1000 ohms) in
> the RF stage
> has blown. Replaced with new resistor and that also fried.
> Where should
> I be looking?
>
> Many thanks in advance,
> Tim
>
>
>
>
> --
> timlad28-
>
> Check C-63, to see if its shorted.
>
>
>
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickburk@ix.netcom.com

--
timlad28

384. SX-28 value

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-09 17:55:33 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4be6f71a$0$1135$4fafbaef@reader1.news.tin.it>
Source record: 1153

Does any one know a site listing the quotation of boatanchors?

I particular I am interested in the SX-28 value. The last one was sold on e-bay at $202.50, and the buy-it-now price of another SX-28 is $225. I am not sure if such prices are respresentative of real market value.

Thanks & 73

Tony I0JX
Rome, Italy

385. Re: LA-400C Amp

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-09 21:52:35 UTC
From: Larry <lkirkland@sc.rr.com>
Message-ID: <hs7ar5$k6b$1@news.albasani.net>
Source record: 1154

On 4/24/2010 2:17 PM, Roger Johnson wrote:
> Kenneth Scharf wrote:
>> Antonio Vernucci wrote:
>>> <w4pqw@cox.net> ha scritto nel messaggio
>>> news:53d0d20f-699f-4549-8936-7ae70851dc60@y17g2000yqd.googlegroups.com...
>>>
>>>> This amp was built by P&H Electronics in Lafayette Indiana in 1956..It
>>>> used four 1625 tubes or 837 tubes in GG...The manual says that the
>>>> 1625 tubes are modified ..Doesn`t say what sort of modifications they
>>>> have..Tube Manual shows same pin-out ,same socket ,same connections
>>>> etc..Anyone know what the modifcations might be...They both seem to
>>>> operate all OK with about the same power out..I seem to remember an
>>>> article some years back about removing the socket from the tube and
>>>> changing some pin connections or whatever...any help appreciated..
>>>
>>> If I remember it correctly, the modification consisted in separating
>>> the suppressor grid from the cathode, so that the tube can be
>>> operated as a triode.
>>>
>>> Actually within the socket there are two separate wires for the
>>> suppressor grid and the cathode, both connected to pin 6. The
>>> modification consisted in de-soldering the suppressor grid wire and
>>> moving it to a free pin (pin 2 or pin 5).
>>>
>>> Such a modification was not possible for the 807 (the 6.3V version of
>>> the 1625), because it only has five pins in total.
>>>
>>> 73
>>>
>>> Tony I0J
>
> I seem to remember only certain brands of 1625 were suitable for the mod.
> Some brands had the supressor connected to the cathode inside the envelope.
> I don't know if this also pertains to 807s.
>
> 73, Roger
>

I have one of these that I horsetraded for a year or so ago, and it had
837 type tubes in it instead of 1625's. I think I read somewhere that
P&H used 837's in the later models. I have never had it on the air but
it looks nice and lights up.
73's,
Larry W4LK

386. reebok MLB player jerseys,(http://www.jersey-2009.com/)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-10 03:35:20 UTC
From: fashion t shirts seller <yongyingwen@yahoo.com.cn>
Message-ID: <61fec2bc-e303-429a-b179-9e72a2129a29@e34g2000pra.googlegroups.com>
Source record: 1156
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

AAA quality clothes cheap wholesale . (http://
www.jersey-2009.com/)
NFL jersey wholesale (http://www.jersey-2009.com/)
NFL NBA MLB NHL soccer soccer jerseys (http://
www.jersey-2009.com/)
nike brand,MLB jerseys china supplier (http://
www.jersey-2009.com/)
MLB jerseys china wholesaler.(http://www.jersey-2009.com/)
wholesale MLB jerseys.(http://www.jersey-2009.com/)
NFL shop,,NFL NBA MLB NHL jerser wholesale,NFL NBA MLB NHL
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jersey supplier(http://www.jersey-2009.com/)
NFL NBA MLB NHL jersey korea supplier (http://
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NFL NBA jersey stock (http://www.jersey-2009.com/)
alibaba,wholesale NFL NBA MLB NHL jerseys.(http://
www.jersey-2009.com/)
soccer jersey china supplier (http://www.jersey-2009.com/)
soccer jerseys china wholesale.(http://www.jersey-2009.com/)
wholesale soccer jersey,supply soccer jerseys (http://
www.jersey-2009.com/)
NFL NBA MLB NHL copy jersey (http://www.jersey-2009.com/)
NFL jerseys from china.(http://www.jersey-2009.com/)
NFL jersey wholesale womens NBA jersey (http://
www.jersey-2009.com/)
NBA jersey sale (http://www.jersey-2009.com/)
cheap authentic NBA jersey (http://www.jersey-2009.com/)
07 jersey NBA star (http://www.jersey-2009.com/)
NHL jersey numbers (http://www.jersey-2009.com/)
NBA vintage jersey NBA throw back jersey (http://
www.jersey-2009.com/)
NBA jersey dress for woman (http://www.jersey-2009.com/)
reebok NBA jersey (http://www.jersey-2009.com/)
NBA jersey for toddler (http://www.jersey-2009.com/)
NHL jersey (http://www.jersey-2009.com/)
youth NBA swingman jersey (http://www.jersey-2009.com/)
NBA authentic basketball jersey (http://www.jersey-2009.com/)
basketball jersey NBA new style (http://www.jersey-2009.com/)
NBA all star game jersey (http://www.jersey-2009.com/)
NBA new jersey (http://www.jersey-2009.com/)
adidas NBA jersey (http://www.jersey-2009.com/)
official NBA jersey (http://www.jersey-2009.com/)
classics hardwood jersey NBA (http://www.jersey-2009.com/)

old school NBA jersey (http://www.jersey-2009.com/)
NBA jersey for woman (http://www.jersey-2009.com/)
classic NFL jersey (http://www.jersey-2009.com/)
NFL jersey korea supplier(http://www.jersey-2009.com/)
mitchell and ness NBA jersey (http://www.jersey-2009.com/)
2009 game jersey NBA star (http://www.jersey-2009.com/)
alternate jersey MLB (http://www.jersey-2009.com/)
best selling NBA jersey (http://www.jersey-2009.com/)
NBA jersey card (http://www.jersey-2009.com/)
authenic MLB jersey (http://www.jersey-2009.com/)
discount NBA jersey (http://www.jersey-2009.com/)
wholesale football jerseys,(http://www.jersey-2009.com/)
reebok MLB player jerseys,(http://www.jersey-2009.com/)
Nice jerseys,replica MLB jerseys,(http://www.jersey-2009.com/)
women MLB jerseys,youth MLB (http://www.jersey-2009.com/)
jerseys,official MLB jerseys,(http://www.jersey-2009.com/)
pro Bowl jerseys,super bowl jerseys,(http://www.jersey-2009.com/)
NHLjerseys,hockey jerseys,MLB jerseys,(http://
www.jersey-2009.com/)
all star jersey,MLB baseball jerseys (http://www.jersey-2009.com/)

387. Re: AR88D - R10 resistor blows in the RF stage

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-10 15:53:09 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <7YednQePKLpxtnXWnZ2dnUVZ_g6dnZ2d@earthlink.com>
Source record: 1157

"timlad28" <timlad28.62ce87d@radiobanter.com> wrote in
message news:timlad28.62ce87d@radiobanter.com...
>
> Hi Richard,
>
> Finally had the time today to check C-63 and yes, it had
> shorted. It
> was replaced and the AR88D burst back into life. Many
> thanks for
> helping me out - it's really appreciated!
>
> All the best,
> Tim

Glad I could help. These are great receivers despite
their age.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

388. hallicrafters sx-71 WTB

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-13 20:02:14 UTC
From: walt <wbelsito@juno.com>
Message-ID: <f4bb430c-5c41-4587-9413-86ce4f55e24f@i10g2000yqh.googlegroups.com>
Source record: 1158

i am looking for a sx - 71 radio working or not .

prefer someone in new england , new york , new jersey or penn .

i am located in conn .

WALT / ex - K1RTS

389. Looking to sell old Radio equipment

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-16 18:51:37 UTC
From: Shane H <spinjamn@gmail.com>
Message-ID: <f8c4a29a-6cb8-4926-bd93-1b1f738c1cc3@j27g2000vbp.googlegroups.com>
Source record: 1159

Lampkin laboratories 107c Communication service monitor

Miratel Air Alert system

Kikusui Electronics corp. Model 5122 Alignmentscope

Also - General Radio Heterodyne Frequency meter and calibrator 620-A

General Radio Distortion and noise meter 1932-A

HP Quartz Oscillator 103AR

HP Pulse Generator 212A

Instrument corp. of Florida VLF reciever

McMartin EBS-2

TBM-1000B FM relay receiver

I live in Eastern Massachusetts send me a email for any question or interest in buying any of the these items. For shipping or pickup if not to far will drive to drop off.

390. WW2 Lancaster bomber radios, info wanted.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-16 22:33:24 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <dd9d6f98-89aa-4ed0-b446-337736bd9d8b@z33g2000vbb.googlegroups.com>
Source record: 1160

Hi, I'm looking for some historical information.
The Canadian Air & Space Museum, Toronto, Canada is restoring the1944
Avro 683 Lancaster X heavy bomber number FM104 for static display,
see http://casmuseum.org/avro_683_lancaster_x.shtml.
I am restoring and recommissioning the radios for this A/C. They are
all Bendix, viz: Receiver RA 10D, Remote Tuning Unit and Transmitter
TA-12, also Interphone, DF, etc, see http://www.radiomilitari.com/ra10d.html
for a couple of these units.
We are planning to demonstrate some of these avionics at "Wings &
Wheels" on May 29 and 30, 2010, see http://www.wingsandwheelsfestival.com/home.html.
For this demo I'm preparing labels for each item, plus an overall
introduction to the radio equipment.
My understanding was that WW2 British Lancs used the 1155/1154 gear
while most Canadian Lancs used the Bendix gear. However, in the
Hammond Radio Museum, Guelph, Ontario, Canada, http://www.hammondmuseumofradio.org/
there is a photo of a Canadian Air Force radio technician sitting at a
WW2 Lancaster radio table equipped with R1155/T1154 gear.
Does anyone know which Canadian Lancasters used the Bendix RA 10D
receiver/TA12 transmitter and which used the UK manufactured (EKCO,
Marconi, Plessey or EMI) R1155 receiver/T1154 transmitter?
I think all RAF Lancasters used the R1155/T1154 gear, see Duxford
radio society page
http://www.duxfordradiosociety.org/equiphist/r1155/t1154-r1155-v1mod3.pdf.
But, from the Hammond Radio Museum photo, it appears that some
Canadian Aircraft did too. I wonder how many.
Thanks for all replies,
Cheers,
Roger

391. Re: WW2 Lancaster bomber radios, info wanted.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-17 15:12:39 UTC
From: kludge@panix.com
Message-ID: <hsrmd7$r5u$1@panix2.panix.com>
Source record: 1161

Engineer <junk2007@rogers.com> wrote:
>introduction to the radio equipment.
>My understanding was that WW2 British Lancs used the 1155/1154 gear
>while most Canadian Lancs used the Bendix gear. However, in the
>Hammond Radio Museum, Guelph, Ontario, Canada, http://www.hammondmuseumofradio.org/
>there is a photo of a Canadian Air Force radio technician sitting at a
>WW2 Lancaster radio table equipped with R1155/T1154 gear.
>Does anyone know which Canadian Lancasters used the Bendix RA 10D
>receiver/TA12 transmitter and which used the UK manufactured (EKCO,
>Marconi, Plessey or EMI) R1155 receiver/T1154 transmitter?
>I think all RAF Lancasters used the R1155/T1154 gear, see Duxford
>radio society page
http://www.duxfordradiosociety.org/equiphist/r1155/t1154-r1155-v1mod3.pdf.

I don't know about Canadian aircraft production. But I know that on the
US manufacturing lines they were churning aircraft out as quickly as possible,
all three shifts going. When a particular device was unavailable, there would
be quick re-engineering to put something else in. So a lot of the American
aircraft had some pretty dramatic changes over their production run and
accurate records weren't really kept. So a lot of it becomes a matter of
looking for the particular configuration for a particular aircraft.

And then after the war all that ARC-5 junk was selling for pennies on the
dollar.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

392. K9YA Telegraph, June 2010 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-18 15:49:59 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <44E882DE14924267A176360A5FA55D42@kent01250b2901>
Source record: 1162
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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Ft. Tuthill 80 By Philip Cala-Lazar, K9PL

So You Think You Want to Be an Expeditionary Radio Op By John Kirk, VK4TJ

Ham Quips By Dick Sylvan, W9CBT

What's Wrong With This Picture By Chuck Guenther, NI&#65533;C

S. L. Seaton's Radio Autobiography

393. SB-303

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-19 02:53:15 UTC
From: kb5kew <glock277@gmail.com>
Message-ID: <98b53085-849e-472a-aecd-0f73db9c23e9@k31g2000vbu.googlegroups.com>
Source record: 1163

Looking if anyone has a SB-303 that they are parting out....I need a
front panel in good condition. No knobs or meter. Just the front panel
itself. The paint is flaking off of mine and I am wanting to restore
the unit......

394. Re: WW2 Lancaster bomber radios, info wanted. (ARC-5 Junk?)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-20 06:49:40 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <j-KdnUgXM_EVRmnWnZ2dnUVZ_i2dnZ2d@giganews.com>
Source record: 1164

> I don't know about Canadian aircraft production. But I know that on the
> US manufacturing lines they were churning aircraft out as quickly as
> possible,
> all three shifts going. When a particular device was unavailable, there
> would
> be quick re-engineering to put something else in. So a lot of the
> American
> aircraft had some pretty dramatic changes over their production run and
> accurate records weren't really kept. So a lot of it becomes a matter of
> looking for the particular configuration for a particular aircraft.
>
> And then after the war all that ARC-5 junk was selling for pennies on the
> dollar.
> --scott
>
> --
> "C'est un Nagra. C'est suisse, et tres, tres precis."

Oh, the "snobbery"! "ARC-5 junk"? In the "day", these honeys were the
hottest "junk" around!
Hot receivers, great "Q5ers", VFOs, 100 watt transmitters (with a bit of
"youp-di-youp-youp admittedly)
"phasing" SSB exciters and finals, cool sounding dynamotors..... Junk?
Come on, Dad, you're joking?

Grinning with you,

Old Chief Lynn, W7LTQ

395. National paint finish?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-20 20:44:55 UTC
From: petev <belizando@gmail.com>
Message-ID: <47cf9573-530b-4e3a-adb7-7d2cadd37165@y12g2000vbg.googlegroups.com>
Source record: 1165

Does anyone know what that almost "pearloid" finish is, found on an NC-183D, or the lighter shade on an NC-57B? Its not just a color, it seems to be a very lightly reflective finish. Its not a hammertone, it is a solid color. But it seems to have a depth thats beyond just a simple paint.
Any help would be appreciated!

396. Re: National paint finish?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-20 22:03:22 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <ht4bjo01tbu@news1.newsguy.com>
Source record: 1166

petev wrote:
> Does anyone know what that almost "pearloid" finish is, found on an
> NC-183D, or the lighter shade on an NC-57B? Its not just a color, it
> seems to be a very lightly reflective finish. Its not a hammertone, it
> is a solid color. But it seems to have a depth thats beyond just a
> simple paint.
> Any help would be appreciated!

Hammerite brand will get you pretty close. Although the name is
similarly suggestive its not quite a hammertone finish.

I got some at Eastwood.com several years back.

Mfr p/n 41105 Hammered Silver Gray. UPC # 51652-41105. Masterchem.com
makes it.

As with most of these type things there's a bit of a learning curve in
using it to get the desired results.

Its as close as I've been able to come and I think its worth a try for you.

GL,
Bill WX4A

NB - and lets us know your results with whichever product you go with.

397. Re: National paint finish?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-21 18:47:32 UTC
From: petev <belizando@gmail.com>
Message-ID: <fe7df9bf-1724-4860-a7b5-47c32f07618e@w3g2000vbd.googlegroups.com>
Source record: 1167

On May 20, 3:44 pm, petev <beliza...@gmail.com> wrote:
> Does anyone know what that almost "pearloid" finish is, found on an
> NC-183D, or the lighter shade on an NC-57B? Its not just a color, it
> seems to be a very lightly reflective finish. Its not a hammertone, it
> is a solid color. But it seems to have a depth thats beyond just a
> simple paint.
> Any help would be appreciated!

THANK YOU for that information. I regularly restore Nationals and
want to upgrade the level of paint finish. Will keep you posted.

398. Re: National paint finish?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-21 21:04:12 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <euudnfNNZMfNaGvWnZ2dnUVZ_tqdnZ2d@earthlink.com>
Source record: 1168

"petev" <belizando@gmail.com> wrote in message
news:fe7df9bf-1724-4860-a7b5-47c32f07618e@w3g2000vbd.googlegroups.com...
On May 20, 3:44 pm, petev <beliza...@gmail.com> wrote:
> Does anyone know what that almost "pearloid" finish is,
> found on an
> NC-183D, or the lighter shade on an NC-57B? Its not just a
> color, it
> seems to be a very lightly reflective finish. Its not a
> hammertone, it
> is a solid color. But it seems to have a depth thats
> beyond just a
> simple paint.
> Any help would be appreciated!

THANK YOU for that information. I regularly restore
Nationals and
want to upgrade the level of paint finish. Will keep you
posted.

Interesting, I looked closely at a National
loudspeaker cabinet, the finish appears to be very slightly
"dappled" with spots that are very slightly darker than the
overall gray. I never really noticed this before although I
realized that there was something "different" about the
National paint.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

399. Re: wtf

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 13:50:00 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht8ne8$m7s$2@news.eternal-september.org>
Source record: 1169

On 01/29/2010 07:16 PM, Bill M wrote:
> Bill Baka wrote:
>> ddd
>
>
> Thats what I often post after too much time down in the cellar...
>
> You'll be okay tomorrow.

I have insomnia do bad that sometimes I am up for 3 to 5 days and nights
in a row, so yes I do screw up sometimes.
Sorry,
Bill Baka (brain needs some sleep time)

400. Re: Wanted: Vintage Tektronix Gear

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 14:09:46 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht8oj9$m7s$4@news.eternal-september.org>
Source record: 1170

On 05/04/2010 12:38 AM, Chris wrote:
> Hello Everyone,
>
> I'm looking for old Tektronix equipment in the lower-mainland (British
> Columbia, Canada) - for hobbyist purposes. Anything - including 300-
> series, 400-series and 500-series oscilloscopes. As well as any
> accessories.
>
> Since this is for a hobby of mine, I don't have a huge amount of money
> to spend, but will certainly try to be fair.
>
> I have a passion for the older test equipment, especially Tektronix -
> I'm also interested in old HP test equipment if you've got any as
> well.
>
> Let me know what you have and I'll come take it away.
>
> Appreciate your time -
>
> Regards,
>
> Chris

Have you tried Ebay? Some things get bid up to insane level but if you
place limit on your bid, something else will come along sooner or later
that you may pick up really cheap. Try Craigslist too. You might get lucky.

401. Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 15:23:42 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht8stv$ve7$1@news.eternal-september.org>
Source record: 1171

I live in a neighborhood where there is horrendous noise to the point where I can't receive weak signals. My setup has an RME DB-20 R.F. preamp feeding the Hammarlund. The antenna is just a wire I ran through the trees away from any power lines. Some of the noise was coming from early generation CFL's, some from my SCR touch lamp which makes noise even while off. Even cell phone battery chargers and AA NiMH chargers seem to have switching supplies in them and they probably all came from China. I turned off my plug strip feeding this mess and the noise went down but was still there. I turned off everything in the house and still had noise.
When I put my scope on it the noise was synced to a major peak at both the 90 degree and 270 degree points and did look like scr noise.

Now the hard part.
Can I put a noise blanker between the preamp and the radio?
I know that Hammarlund had a noise blanked circuit but these are very hard to find and usually a lot of $$$$.
I am/was an electronics engineer for over 30 years but I find myself at a loss as to what I should build or buy.
A noise blanker on the antenna input to the preamp seems like a good place to put a blanker but the signal off the 25 foot 'long' wire might not be enough to work with. My thinking is that it would be good to intercept the noise before it even gets into thee tuned circuits and causes ringing or some other side effect.

Ideas please.
Thanks,
Bill Baka

402. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 15:46:35 UTC
From: Bert Hyman <bert@iphouse.com>
Message-ID: <Xns9D806DA01C604VeebleFetzer@216.250.188.140>
Source record: 1172

In news:ht8stv$ve7$1@news.eternal-september.org Bill Baka
<bbaka@comcast.net> wrote:

> Can I put a noise blanker between the preamp and the radio?
> I know that Hammarlund had a noise blanked circuit but these are very
> hard to find and usually a lot of $$$$.
> I am/was an electronics engineer for over 30 years but I find myself
> at a loss as to what I should build or buy.
> A noise blanker on the antenna input to the preamp seems like a good
> place to put a blanker but the signal off the 25 foot 'long' wire
> might not be enough to work with. My thinking is that it would be good
> to intercept the noise before it even gets into thee tuned circuits
> and causes ringing or some other side effect.

Noise blankers are usually inserted in the IF chain and work at a single
frequency, and on signals of relatively high amplitude. Trying to get
something to work across the complete range of frequencies you're
listening to might be a real engineering trick.

Have you considered a noise cancelling receiver like the MFJ 1025/1026?

They use a separate noise antenna (the 1026 comes with one) and combine
the signal from it and your regular receiving antenna and then apply
phase shifts to either enhance or cancel signals that are received by
both antennas. The method is effective in theory, but I have no idea how
well the theory is implemented with these products.

http://www.mfjenterprises.com/Product.php?productid=MFJ-1025

--
Bert Hyman W0RSB St. Paul, MN bert@iphouse.com

403. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 16:14:32 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht8vt5iuh1@news.eternal-september.org>
Source record: 1173

```
On 05/22/2010 08:46 AM, Bert Hyman wrote:
> In news:ht8stv$ve7$1@news.eternal-september.org Bill Baka
> <bbaka@comcast.net> wrote:
>
>> Can I put a noise blanker between the preamp and the radio?
>> I know that Hammarlund had a noise blanked circuit but these are very
>> hard to find and usually a lot of $$$$.
>> I am/was an electronics engineer for over 30 years but I find myself
>> at a loss as to what I should build or buy.
>> A noise blanker on the antenna input to the preamp seems like a good
>> place to put a blanker but the signal off the 25 foot 'long' wire
>> might not be enough to work with. My thinking is that it would be good
>> to intercept the noise before it even gets into thee tuned circuits
>> and causes ringing or some other side effect.
>
> Noise blankers are usually inserted in the IF chain and work at a single
> frequency, and on signals of relatively high amplitude. Trying to get
> something to work across the complete range of frequencies you're
> listening to might be a real engineering trick.
>
> Have you considered a noise cancelling receiver like the MFJ 1025/1026?
>
> They use a separate noise antenna (the 1026 comes with one) and combine
> the signal from it and your regular receiving antenna and then apply
> phase shifts to either enhance or cancel signals that are received by
> both antennas. The method is effective in theory, but I have no idea how
> well the theory is implemented with these products.
>
> http://www.mfjenterprises.com/Product.php?productid=MFJ-1025
>
Sounds like it might be worth a try, but I don't have any $$$ to buy
anything right now. I'm on disability so my income does not go too far.
Thanks for the fast response.
Bill Baka
```

404. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 16:43:50 UTC
From: kludge@panix.com
Message-ID: <ht91k6mlr1@panix2.panix.com>
Source record: 1174

Bill Baka <bbaka@comcast.net> wrote:
>I live in a neighborhood where there is horrendous noise to the point
>where I can't receive weak signals. My setup has an RME DB-20 R.F.
>preamp feeding the Hammarlund. The antenna is just a wire I ran through
>the trees away from any power lines. Some of the noise was coming from
>early generation CFL's, some from my SCR touch lamp which makes noise
>even while off. Even cell phone battery chargers and AA NiMH chargers
>seem to have switching supplies in them and they probably all came from
>China. I turned off my plug strip feeding this mess and the noise went
>down but was still there. I turned off everything in the house and still
>had noise.

Welcome to the New Era. Everything has a switching supply in it. None
of them meet FCC Part 15 specs. Nobody at the FCC gives a damn. Write
your congressman and complain about the enormous arrays of CFLs, touch
lamps, and TV sets for sale at Wal-Mart which are patently illegal.

>Now the hard part.
>Can I put a noise blanker between the preamp and the radio?

No, and I think the preamp is probably a lot of your issue, that broadband
noise is saturating it. You might want to consider a more tightly tuned
preamp, possibly one with a front end that has outrageous dynamic range and
low noise (like, say a nuvistor or even a 6X8).

>I know that Hammarlund had a noise blanked circuit but these are very
>hard to find and usually a lot of $$$$.

These actually go into the IF strip, and to be honest they aren't really
very effective against the kind of noise problem you are encountering.
They are great for the occasional impulse from things like arcing power
lines or ignition noise, but the whines and drones from switching supplies
aren't so easy to deal with.

>I am/was an electronics engineer for over 30 years but I find myself at
>a loss as to what I should build or buy.
>A noise blanker on the antenna input to the preamp seems like a good
>place to put a blanker but the signal off the 25 foot 'long' wire might
>not be enough to work with. My thinking is that it would be good to
>intercept the noise before it even gets into thee tuned circuits and
>causes ringing or some other side effect.

What's happening is that those side effects are happening inside your
preamp. Why do you need the preamp at all? The receiver sensitivity
should be okay by itself, and the dynamic range of the receiver front end
is better than any solid state preamp.

--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

405. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 17:07:08 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht92vp$aj6$1@news.eternal-september.org>
Source record: 1175

On 05/22/2010 09:43 AM, Scott Dorsey wrote:
> Bill Baka<bbaka@comcast.net> wrote:
>> I live in a neighborhood where there is horrendous noise to the point
>> where I can't receive weak signals. My setup has an RME DB-20 R.F.
>> preamp feeding the Hammarlund. The antenna is just a wire I ran through
>> the trees away from any power lines. Some of the noise was coming from
>> early generation CFL's, some from my SCR touch lamp which makes noise
>> even while off. Even cell phone battery chargers and AA NiMH chargers
>> seem to have switching supplies in them and they probably all came from
>> China. I turned off my plug strip feeding this mess and the noise went
>> down but was still there. I turned off everything in the house and still
>> had noise.
>
> Welcome to the New Era. Everything has a switching supply in it. None
> of them meet FCC Part 15 specs. Nobody at the FCC gives a damn. Write
> your congressman and complain about the enormous arrays of CFLs, touch
> lamps, and TV sets for sale at Wal-Mart which are patently illegal.

Tell me about it. Damn near everything that comes out of Walmart is
Chinese and if I buy anything it seems to fail just after any hope of
warranty. The noise seems to come from anything Chinese so I try not to
buy that stuff, but in many cases China is the only source.
>
>> Now the hard part.
>> Can I put a noise blanker between the preamp and the radio?
>
> No, and I think the preamp is probably a lot of your issue, that broadband
> noise is saturating it. You might want to consider a more tightly tuned
> preamp, possibly one with a front end that has outrageous dynamic range and
> low noise (like, say a nuvistor or even a 6X8).

It does have switch so I can bypass the preamp and just go through the
radio. The preamp only gets overloaded by an AM station here on 1,600
KHz at 5,000 or 50,000 watts, even though the station is a good 5 miles
from me. If I hit that with the preamp on, yes it will overload, but
going straight to the Hammarlund still gives excellent tuning so in
order to get
>
>> I know that Hammarlund had a noise blanked circuit but these are very
>> hard to find and usually a lot of $$$$.
>
> These actually go into the IF strip, and to be honest they aren't really
> very effective against the kind of noise problem you are encountering.
> They are great for the occasional impulse from things like arcing power
> lines or ignition noise, but the whines and drones from switching supplies

> aren't so easy to deal with.
>
>> I am/was an electronics engineer for over 30 years but I find myself at
>> a loss as to what I should build or buy.
>> A noise blanker on the antenna input to the preamp seems like a good
>> place to put a blanker but the signal off the 25 foot 'long' wire might
>> not be enough to work with. My thinking is that it would be good to
>> intercept the noise before it even gets into thee tuned circuits and
>> causes ringing or some other side effect.
>
> What's happening is that those side effects are happening inside your
> preamp. Why do you need the preamp at all? The receiver sensitivity
> should be okay by itself, and the dynamic range of the receiver front end
> is better than any solid state preamp.

The preamp really is only useful above 20 MHz, so it isn't even used
most of the time. The Hammarlund has great sensitivity below 20 MHz but
can use the boost above that. The only thing I have been able to receive
up there is CB chatter, so that is probably not worth it.
With my scope synced to 60 Hz I can see two big spikes and lots of
little ones that take a while to settle down.
Thanks for the reply,
Bill Baka
> --scott
>

406. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 20:40:39 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <ht9fgv02qj4@news1.newsguy.com>
Source record: 1176

Bill Baka wrote:

> With my scope synced to 60 Hz I can see two big spikes and lots of
> little ones that take a while to settle down.
> Thanks for the reply,
> Bill Baka

What sort of antenna are you using? You might be able to configure something, although I'm not exactly sure what, that can provide more directivity and maybe escape from some of the junk noise.

Don't just write it off because of the all the Chinese crap thats out there. A problem crept up here once, right about Christmastime, where I got a steady rhythmic buzz a couple of times per second. Figured it was a neighbors Christmas lights or something. Switched off all my breakers and it persisted. Could hear it several hundred feet away from my house on a portable radio. It was everywhere, impossible to null or peak.

But it persisted for months AFTER Christmas. Then a main breaker to my house (in the panel out front with the meter) crapped out and had to be replaced. Guess what? No more noise!

So there I was putting up with the noise and blaming neighbors and Red China and the problem was something so simple - just difficult to localize.

Just food for thought.

Good luck,

Bill M

407. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-22 23:44:52 UTC
From: petev <belizando@gmail.com>
Message-ID: <6a990cf5-7cc3-41ec-9e93-ca01345014f8@o15g2000vbb.googlegroups.com>
Source record: 1177

I can vouch for the MFJ noise cancelling antenna. However, you have to
keep re-adjusting
it as you change frequency. Not by much, but it requires re-tweaking.
It makes the noise
practically dissapear, without the artifacts of a noise limiter.
Perhaps you can find one on ebay,
Or appeal to a ham club or two for a loaner or a donation.

408. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 00:02:09 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht9ra4vtm1@news.eternal-september.org>
Source record: 1178

On 05/22/2010 01:40 PM, Bill M wrote:
> Bill Baka wrote:
>
>> With my scope synced to 60 Hz I can see two big spikes and lots of
>> little ones that take a while to settle down.
>> Thanks for the reply,
>> Bill Baka
>
> What sort of antenna are you using? You might be able to configure
> something, although I'm not exactly sure what, that can provide more
> directivity and maybe escape from some of the junk noise.

I have a sort of long wire, 25 feet, and the other side is grounded to a chain link fence. There is not enough room to put up much else unless I run a wire to the house behind me. Yup, two rental houses on one lot. My stepdaughter lives in the back and I don't even know if she could figure out the concept of radio DX noise. She is a cable TV addict and not at all inclined to radio. I do have a radio direction finder that I can run with a solar cell I picked up, so I can walk it around in the sun and try to find the major noise source that way. When I scoped it, it looked like a lot of SCR's triggering at various points so I kind of figure it may be SCR light dimmers.

>
> Don't just write it off because of the all the Chinese crap thats out
> there. A problem crept up here once, right about Christmastime, where I
> got a steady rhythmic buzz a couple of times per second. Figured it was
> a neighbors Christmas lights or something. Switched off all my breakers
> and it persisted. Could hear it several hundred feet away from my house
> on a portable radio. It was everywhere, impossible to null or peak.
>
> But it persisted for months AFTER Christmas. Then a main breaker to my
> house (in the panel out front with the meter) crapped out and had to be
> replaced. Guess what? No more noise!

Nah, my breakers are good. I have a touch lamp with an SCR in it (Chinese, of course) and it makes noise even when turned off. Louder when it is on. It does seem to be from other houses.

>
> So there I was putting up with the noise and blaming neighbors and Red
> China and the problem was something so simple - just difficult to localize.
>
> Just food for thought.
>
> Good luck,
>

> Bill M

I think I will get my RDF and go hunting tomorrow.
Thanks,
Bill Baka

409. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 00:03:28 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht9rcgvtm2@news.eternal-september.org>
Source record: 1179

On 05/22/2010 04:44 PM, petev wrote:
> I can vouch for the MFJ noise cancelling antenna. However, you have to
> keep re-adjusting
> it as you change frequency. Not by much, but it requires re-tweaking.
> It makes the noise
> practically dissapear, without the artifacts of a noise limiter.
> Perhaps you can find one on ebay,
> Or appeal to a ham club or two for a loaner or a donation.

One of my friends refers to MFJ as Mighty Fine Junk. How good is it?
Bill Baka

410. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 00:19:32 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <ht9svf02g4c@news6.newsguy.com>
Source record: 1180

Bill Baka wrote:
> On 05/22/2010 01:40 PM, Bill M wrote:
>> Bill Baka wrote:
>>
>>> With my scope synced to 60 Hz I can see two big spikes and lots of
>>> little ones that take a while to settle down.
>>> Thanks for the reply,
>>> Bill Baka
>>
>> What sort of antenna are you using? You might be able to configure
>> something, although I'm not exactly sure what, that can provide more
>> directivity and maybe escape from some of the junk noise.
>
> I have a sort of long wire, 25 feet, and the other side is grounded to a
> chain link fence. There is not enough room to put up much else unless I
> run a wire to the house behind me. Yup, two rental houses on one lot.
> My stepdaughter lives in the back and I don't even know if she could
> figure out the concept of radio DX noise. She is a cable TV addict and
> not at all inclined to radio. I do have a radio direction finder that I
> can run with a solar cell I picked up, so I can walk it around in the
> sun and try to find the major noise source that way. When I scoped it,
> it looked like a lot of SCR's triggering at various points so I kind of
> figure it may be SCR light dimmers.

yes, with puny antennas and rental houses and chain link fences and
stepdaughters who are "cable tv addicts" to blame you really must attack
some cogent RFI initiatives from your part. That's what I was alluding
to before.

411. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 00:32:38 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <ht9t36$ck9$1@news.eternal-september.org>
Source record: 1181

On 05/22/2010 05:19 PM, Bill M wrote:
> Bill Baka wrote:
>> On 05/22/2010 01:40 PM, Bill M wrote:
>>> Bill Baka wrote:
>>>
>>>> With my scope synced to 60 Hz I can see two big spikes and lots of
>>>> little ones that take a while to settle down.
>>>> Thanks for the reply,
>>>> Bill Baka
>>>
>>> What sort of antenna are you using? You might be able to configure
>>> something, although I'm not exactly sure what, that can provide more
>>> directivity and maybe escape from some of the junk noise.
>>
>> I have a sort of long wire, 25 feet, and the other side is grounded to
>> a chain link fence. There is not enough room to put up much else
>> unless I run a wire to the house behind me. Yup, two rental houses on
>> one lot.
>> My stepdaughter lives in the back and I don't even know if she could
>> figure out the concept of radio DX noise. She is a cable TV addict and
>> not at all inclined to radio. I do have a radio direction finder that
>> I can run with a solar cell I picked up, so I can walk it around in
>> the sun and try to find the major noise source that way. When I scoped
>> it, it looked like a lot of SCR's triggering at various points so I
>> kind of figure it may be SCR light dimmers.
>
> yes, with puny antennas and rental houses and chain link fences and
> stepdaughters who are "cable tv addicts" to blame you really must attack
> some cogent RFI initiatives from your part. That's what I was alluding
> to before.

Yeah, but I have the 'longish' wire at the farthest point from any
electricity lines as is possible. If I run it back to her place then it
will be parallel to her power lines, so it might be worse. I just hope I
can find a bad connection on a power line so I can get the local
electric company to fix it. I might get blown off on that though.
Bill Baka

412. Re: National paint finish?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 00:32:54 UTC
From: petev <belizando@gmail.com>
Message-ID: <210a5b59-a8b9-4bd8-9126-3f7cb291badc@f14g2000vbn.googlegroups.com>
Source record: 1182

On May 21, 4:04 pm, "Richard Knoppow" <dickb...@ix.netcom.com> wrote:
> "petev" <beliza...@gmail.com> wrote in message
>
> news:fe7df9bf-1724-4860-a7b5-47c32f07618e@w3g2000vbd.googlegroups.com...
> On May 20, 3:44 pm, petev <beliza...@gmail.com> wrote:
>
> > Does anyone know what that almost "pearloid" finish is,
> > found on an
> > NC-183D, or the lighter shade on an NC-57B? Its not just a
> > color, it
> > seems to be a very lightly reflective finish. Its not a
> > hammertone, it
> > is a solid color. But it seems to have a depth thats
> > beyond just a
> > simple paint.
> > Any help would be appreciated!
>
> THANK YOU for that information. I regularly restore
> Nationals and
> want to upgrade the level of paint finish. Will keep you
> posted.
>
> Interesting, I looked closely at a National
> loudspeaker cabinet, the finish appears to be very slightly
> "dappled" with spots that are very slightly darker than the
> overall gray. I never really noticed this before although I
> realized that there was something "different" about the
> National paint.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com

National used so many finishes... The NC-57 and the NC-183 and NC-173
seem to have a very light carmel pearloid tone, while the 183D has a
dark grey with the same deep pearl effect. The SW-54 is grey hammered.
My NC-240D has a simple grey wrinkle finish, but this may be a re-do.
If it is, it was a damn good paint job.

413. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 01:30:08 UTC
From: kludge@panix.com
Message-ID: <hta0f0$4p3$1@panix2.panix.com>
Source record: 1183

Bill Baka <bbaka@comcast.net> wrote:
>On 05/22/2010 09:43 AM, Scott Dorsey wrote:
>>
>> Welcome to the New Era. Everything has a switching supply in it. None
>> of them meet FCC Part 15 specs. Nobody at the FCC gives a damn. Write
>> your congressman and complain about the enormous arrays of CFLs, touch
>> lamps, and TV sets for sale at Wal-Mart which are patently illegal.
>
>Tell me about it. Damn near everything that comes out of Walmart is
>Chinese and if I buy anything it seems to fail just after any hope of
>warranty. The noise seems to come from anything Chinese so I try not to
>buy that stuff, but in many cases China is the only source.

Don't blame the Chinese. The Chinese make cheap crap because Americans
demand cheap crap. If Americans wanted good products, the Chinese would
make good products. But the American importers are constantly after the
Chinese factories to cut costs, not to improve quality, and so this is
what you get.

>> No, and I think the preamp is probably a lot of your issue, that broadband
>> noise is saturating it. You might want to consider a more tightly tuned
>> preamp, possibly one with a front end that has outrageous dynamic range and
>> low noise (like, say a nuvistor or even a 6X8).
>
>It does have switch so I can bypass the preamp and just go through the
>radio. The preamp only gets overloaded by an AM station here on 1,600
>KHz at 5,000 or 50,000 watts, even though the station is a good 5 miles
>from me. If I hit that with the preamp on, yes it will overload, but
>going straight to the Hammarlund still gives excellent tuning so in
>order to get

We're not talking about catastrophic overload, we're only talking about
a little nonlinearity. It doesn't take much.

You have two problems:

1. Noise that is off-channel, maybe even out of band, which either winds up
being detected due to poor selectivity, poor shielding, or because
something in the front end or early IF (or in your case the preamp) is
mixing multiple noise sources together to form a beat product on your
channel.

2. Noise that is actually on-channel, on the exact frequency you are on.

The first one can be remedied by eliminating the preamp, making sure the
receiver front end is clean (ie. the first RF stage is perfectly linear)

and possibly adding a preselector.

The second one cannot be remedied. The noise blanker is one thing people have used; it drops the whole signal out when the signal reaches a limiting level and it good only for impulse noise that is stronger than the signal.

One of the DSP boxes like JPS sells can help hide on-channel noise, sort of.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

414. Re: National paint finish?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 03:37:32 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <57-dne5HNP6dPmXWnZ2dnUVZ_hOdnZ2d@earthlink.com>
Source record: 1184

```
"petev" <belizando@gmail.com> wrote in message
news:210a5b59-a8b9-4bd8-9126-3f7cb291badc@f14g2000vbn.googlegroups.com...
On May 21, 4:04 pm, "Richard Knoppow"
<dickb...@ix.netcom.com> wrote:
> "petev" <beliza...@gmail.com> wrote in message
>
> news:fe7df9bf-1724-4860-a7b5-47c32f07618e@w3g2000vbd.googlegroups.com...
> On May 20, 3:44 pm, petev <beliza...@gmail.com> wrote:
>
> > Does anyone know what that almost "pearloid" finish is,
> > found on an
> > NC-183D, or the lighter shade on an NC-57B? Its not just
> > a
> > color, it
> > seems to be a very lightly reflective finish. Its not a
> > hammertone, it
> > is a solid color. But it seems to have a depth thats
> > beyond just a
> > simple paint.
> > Any help would be appreciated!
>
> THANK YOU for that information. I regularly restore
> Nationals and
> want to upgrade the level of paint finish. Will keep you
> posted.
>
> Interesting, I looked closely at a National
> loudspeaker cabinet, the finish appears to be very
> slightly
> "dappled" with spots that are very slightly darker than
> the
> overall gray. I never really noticed this before although
> I
> realized that there was something "different" about the
> National paint.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com

National used so many finishes... The NC-57 and the NC-183
and NC-173
```

seem to have a very light carmel pearloid tone, while the
183D has a
dark grey with the same deep pearl effect. The SW-54 is grey
hammered.
My NC-240D has a simple grey wrinkle finish, but this may be
a re-do.
If it is, it was a damn good paint job.

The speaker I have is the one for the NC-173 so the
paint should be the same. All the NC-240-D's I've seen had
wrinkle gray paint so I suspect yours is original.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

415. Bendix

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 13:37:11 UTC
From: rfleet1066 <rfleet1066.63f0917@radiobanter.com>
Message-ID: <rfleet1066.63f0917@radiobanter.com>
Source record: 1185

I have three un-issued air transportable radio stations , (Bendix)
new in case, never unwrapped from original packing. Complete except one
case is missing field phones. Please advise any interest.

ryland

rfleet1066@aol.com

--
rfleet1066

416. Hammardland noise issue

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 17:47:28 UTC
From: John <jrefme@bellsouth.net>
Message-ID: <76fdd53b-86f7-433c-a920-952d4a4484fe@d12g2000vbr.googlegroups.com>
Source record: 1186

Everyone is giving you some excellent advice that is beyond my
ability.
But having been a ham for over 50 yrs I have learned that a lot of
the
noise generated locally is from two places, power lines, and believe
it
or not , the biggest one is door-bell transformers in attics.
Power line problems are the easy for the most part and usually
within
one mile of your qth shack.
Take a small am portable radio and a large hand held hammer and start
walking
around the neighborhood. Tune off of a local station so you can hear
better.
HIt each pole that you come too with the hammer, any change heard
indicates
something is amiss. I have located bad ground connections in the guy
wires
from the pole at so many, I can not recall the number.
If you find a pole with bad noise, don't do anything yourself. Call
the local
power company,(sometimes it takes several calls until they start
helping),
let them listen to the noise in your rcvr and they show them what you
have
found. All power companies are suppose to have equipment that will be
a
great deal better than your am radio.
In either event, you will need the power company to help you!!!!!!

Door bell transformers are the worse. They are continually connect to
the power
supply 120 line. Most of the time in an attic, and don't be shocked to
find that
they are under the insulation up there. They are especially a fire
hazard to the
home owner, so most folks will be happy to know about them.
The only way that you can surely go down to the right house is with
the power
company man. The am radio buzz and the equipment they have should put
you in a nearby homeplace. The power meter must be removed to pin it
down.
If the meter is removed and the interference stops and upon re-
insertion starts

again, you are at one source.
Let the power company do the talking and get permission to check the fuses boxes
first to see if it can be narrowed down to something else. If this shows up when
the fuse is open and the door bell button is pushed and nothing happens , well
you have one.

I found so many, I brought me several and asked the power man to install it
up on the roof joints. Air can the circulate and relieve the heat issue.
Everyone done this way has never gone bad again.
Hope this helps some.
73
John K4ZYF,SC

417. Re: Hammardland noise issue

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 19:13:07 UTC
From: Bill R <nobody@nowhere.net>
Message-ID: <6uuiv59lhs27bqigscubelsu4fc30fi1vp@4ax.com>
Source record: 1187

On Sun, 23 May 2010 10:47:28 -0700 (PDT), John <jrefme@bellsouth.net>
wrote:

>Power line problems are the easy for the most part and usually
>within
>one mile of your qth shack.
>Take a small am portable radio and a large hand held hammer and start
>walking
>around the neighborhood. Tune off of a local station so you can hear
>better.
>HIt each pole that you come too with the hammer, any change heard
>indicates
>something is amiss. I have located bad ground connections in the guy
>wires
>from the pole at so many, I can not recall the number.
>If you find a pole with bad noise, don't do anything yourself. Call
>the local
>power company,(sometimes it takes several calls until they start
>helping),
>let them listen to the noise in your rcvr and they show them what you
>have
>found. All power companies are suppose to have equipment that will be
>a
>great deal better than your am radio.
>In either event, you will need the power company to help you!!!!!!
>

>73
>John K4ZYF,SC

This is bad advice! I have been a power line interference technician
for over 30 years, and I can tell you the last thing you should be
doing is hitting poles. We don't even hit our own poles.

Do NOT hit a pole with a hammer. There can be something broken and/or
ready to fall, and one good smack with a hammer could cause injury to
you, damage to the overhead equipment, or an outage affecting one to
several hundred customers. Why do I say this? I have seen it happen.

We had a customer (a ham radio operator) recently who was becoming
very impatient with the responce from our company. He started his own
hunting with a hammer. He was then sent a letter from our company
advisng him that any damage or outages caused by him would result in a
hefty bill being sent to him.

Some power companies (ours included) will prosecute you if they catch you hitting their poles. You have no authority to hit property that does not belong to you, just like you do not have authority to hit your neighbor's dog because it barks too much or your neighbor's motorcycle because it annoys you. That pole is private property!

Call and report any possible noise problems to your power company. Keep after them! They are required to respond and repair. If they do not, notify the FCC. In the past year or so, the FCC has been coming down hard on power companies (ours included) that have failed to respond to reported problems.

418. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 21:19:49 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <htc65maia1@news.eternal-september.org>
Source record: 1188

On 05/22/2010 06:30 PM, Scott Dorsey wrote:
> Bill Baka<bbaka@comcast.net> wrote:
>> On 05/22/2010 09:43 AM, Scott Dorsey wrote:
>>>
>>> Welcome to the New Era. Everything has a switching supply in it. None
>>> of them meet FCC Part 15 specs. Nobody at the FCC gives a damn. Write
>>> your congressman and complain about the enormous arrays of CFLs, touch
>>> lamps, and TV sets for sale at Wal-Mart which are patently illegal.
>>
>> Tell me about it. Damn near everything that comes out of Walmart is
>> Chinese and if I buy anything it seems to fail just after any hope of
>> warranty. The noise seems to come from anything Chinese so I try not to
>> buy that stuff, but in many cases China is the only source.
>
> Don't blame the Chinese. The Chinese make cheap crap because Americans
> demand cheap crap. If Americans wanted good products, the Chinese would
> make good products. But the American importers are constantly after the
> Chinese factories to cut costs, not to improve quality, and so this is
> what you get.

Really? I try to search for American products and pay a little more for
better quality, but so many companies have been killed off it is
sometimes impossible to buy American. People seem to have the attitude
"It won't cost me MY job" until it does. I bought a Kodak digital camera
hoping it would be at least 'non-Chinese' but when I got it out of the
box, sure enough, Made in China. Too bad not enough people can put cause
and effect together. I used to gripe about 'Made in Japan' 30 years ago,
but now even Japanese companies are farming things out to China.
>
>>> No, and I think the preamp is probably a lot of your issue, that broadband
>>> noise is saturating it. You might want to consider a more tightly tuned
>>> preamp, possibly one with a front end that has outrageous dynamic range and
>>> low noise (like, say a nuvistor or even a 6X8).
>>
>> It does have switch so I can bypass the preamp and just go through the
>> radio. The preamp only gets overloaded by an AM station here on 1,600
>> KHz at 5,000 or 50,000 watts, even though the station is a good 5 miles
>>from me. If I hit that with the preamp on, yes it will overload, but
>> going straight to the Hammarlund still gives excellent tuning so in
>> order to get
>
> We're not talking about catastrophic overload, we're only talking about
> a little nonlinearity. It doesn't take much.

What happens is the channel is so strong the preamp gets mucked up. The
Hammarlund can still tune 1590 and it seems to be immune to a strong
station at 1600.
>
> You have two problems:
>
> 1. Noise that is off-channel, maybe even out of band, which either winds up
> being detected due to poor selectivity, poor shielding, or because
> something in the front end or early IF (or in your case the preamp) is
> mixing multiple noise sources together to form a beat product on your
> channel.
>
> 2. Noise that is actually on-channel, on the exact frequency you are on.
>
> The first one can be remedied by eliminating the preamp, making sure the
> receiver front end is clean (ie. the first RF stage is perfectly linear)
> and possibly adding a preselector.
>
> The second one cannot be remedied. The noise blanker is one thing people
> have used; it drops the whole signal out when the signal reaches a
> limiting level and it good only for impulse noise that is stronger than
> the signal.
>
> One of the DSP boxes like JPS sells can help hide on-channel noise,
> sort of.
> --scott
>
Sorry, none of the above. I have my scope on the speaker leads and the
waveform indicates power line noise being fed back by SCR controlled
devices, and/or switching power supplies. Since my scope is vintage 1989
I can't freeze just one cycle to analyze. I paid over $2,200 for the
scope, brand new, for a project I was working on at the time. The
waveform looks like an SCR spike and then a gradual decay. That is the
best I can describe it for now. Nobody here has the doorbell problem
since the houses are old for about two blocks around me. I don't know if
it is one house, or many.
Detective work is needed.
Bill Baka

419. Repair or keep?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-23 22:02:45 UTC
From: Robert Smits <bob@rsmits.ca>
Message-ID: <OvCdnUVb-LiMO2TWnZ2dnUVZ_hWdnZ2d@giganews.com>
Source record: 1189

I have some old Amateur Radio Equipment I'm trying to decide whether to sell , restore, or keep.

The stuff in question is a Johnson Viking Ranger Transmitter, the 160-10 M version, including a Johnson TR switch, and a Hallicrafters SC-77A Receiver.

I don't have a variac, so I have not fired any of them up, and I assume all will need new resistors and caps.

They're in reasonable cosmetic condition, but show signs of wear, and have been sitting on the shelf for 10 years at least.

I'm looking for some advice on whether to restore them, and if I do where I can find electrolytics to replace existing ones.

If I decide I don't have the time, what would be a fair price to offer them for? and do you recommend any particular venue?

I'm on Vancouver Island in British Columbia Canada.

Bob, VE7HS

420. Re: AM signals peak envelope power

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-24 01:24:42 UTC
From: Phil Allison <phil_a@tpg.com.au>
Message-ID: <85u2r0F17nU1@mid.individual.net>
Source record: 1190

"Antonio Vernucci"
>I wonder whether someone can help me to clear an issue regarding AM signals
>produced by a (class-C) tube transmitter.
>
> It is well known that the peak-envelope power of a carrier 100%-modulated
> by a pure sine wave is four times the unmodulated carrier power. This is
> simply because, according to the Ohm's law, doubling voltage power gets
> four times higher.
>
> I would have no problem if a tube would behave like a normal resistor. But
> a tube instead behaves like a differential resistor, and this makes a lot
> of difference.
>
> If you consider the plate characteristic of a typical pentode, you see
> that plate current does not change much increasing plate voltage. So,
> doubling the plate voltage, power would not get four times higher, but
> just a little more that two times.
>
> The triode plate current is instead much more dependent on plate voltage
> so that, doubling plate voltage, power would grow probably at least three
> times. But definitely not four times.
>
> Can someone pinpoint what I am missing?

** I'll give it a go.

In a class C stage, the grid is overdriven with RF voltage so the output tube is biased either fully conducting or off - as a result, the plate voltage stays fairly low whenever the tube is conducting, which is less than 50 % of each RF cycle.

However, the actual current flow through the tube depends on the ratio of the external circuit impedance (ie a tuned load) to the B+ voltage. Since the tuned load does not vary in impedance, the B+ voltage controls how much RF current flow there is.

IOW, the output voltage from a well designed class C stage follows the B+ voltage linearly over a wide range cos to a large degree, the plate voltage / plate current characteristics of the tube have been rendered irrelevant.

..... Phil

421. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-24 02:05:59 UTC
From: WA4VZQ <none@nospam.org>
Message-ID: <balKn.23902$rU6.13504@newsfe10.iad>
Source record: 1191

"Bill Baka" <bbaka@comcast.net> wrote in message
news:ht9ra4vtm1@news.eternal-september.org...
> On 05/22/2010 01:40 PM, Bill M wrote:
>> What sort of antenna are you using? You might be able to configure
>> something, although I'm not exactly sure what, that can provide more
>> directivity and maybe escape from some of the junk noise.
>
> I have a sort of long wire, 25 feet, and the other side is grounded to
> a chain link fence. There is not enough room to put up much else unless
> I run a wire to the house behind me. Yup, two rental houses on one lot.
> My stepdaughter lives in the back and I don't even know if she could
> figure out the concept of radio DX noise. She is a cable TV addict and
> not at all inclined to radio. I do have a radio direction finder that I
> can run with a solar cell I picked up, so I can walk it around in the
> sun and try to find the major noise source that way. When I scoped it,
> it looked like a lot of SCR's triggering at various points so I kind of
> figure it may be SCR light dimmers.
>
> I think I will get my RDF and go hunting tomorrow.
> Thanks,
> Bill Baka

To add to what Scott Dorsey said, the chain link fence may be a problem in itself. The zinc galvanizing protects the steel below from rusting, but it provides a nonlinear junction with any other metals touching it, especially copper. Your radio needs a good ground with the shortest ground lead possible. Get a good copper-clad ground rod at the home improvement store. Locate it below the window closest the radio and run a short, heavy gauge wire from it to the radio. Your radio should also be grounded to the power line ground for safety.

The preamp must be very linear and have an exceptionally high dynamic range to not cause problems. If it does not, RF interference at one frequency will mix with all other signals to produce a cacophony of noise. Your receiver should be more than sensitive enough on the lower bands to not need a preamp. If you must use it on the higher bands, consider using a high-pass filter ahead of the preamp. It will attenuate the lower frequencies (where the noise is the strongest) yet allow the higher frequencies to pass with little to no attenuation.

The Timewave (formerly JPS) ANC-4 and the MFJ 1026 noise cancellers work quite well if you have a single noise source or if one noise source dominates. With multiple sources, they do not work nearly as well. For a homebrew version, see the article by W7XC in the July, 1994 QST. Note that there are several subsequent corrections and additions to this

article (9/1994, 1/1995, 9/1996).

Be persistent with the power company but do not get your hopes up. I once called the power company and they sent a crew out. They listened with their truck two-way radio and said they could not hear any noise. Of course, the truck radio was FM! :-(

73, Barry WA4VZQ

422. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-24 04:08:00 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <htcu30mbl1@news.eternal-september.org>
Source record: 1192

On 05/23/2010 07:05 PM, WA4VZQ wrote:
> "Bill Baka"<bbaka@comcast.net> wrote in message
> news:ht9ra4vtm1@news.eternal-september.org...
>> On 05/22/2010 01:40 PM, Bill M wrote:
>>> What sort of antenna are you using? You might be able to configure
>>> something, although I'm not exactly sure what, that can provide more
>>> directivity and maybe escape from some of the junk noise.
>>
>> I have a sort of long wire, 25 feet, and the other side is grounded to
>> a chain link fence. There is not enough room to put up much else unless
>> I run a wire to the house behind me. Yup, two rental houses on one lot.
>> My stepdaughter lives in the back and I don't even know if she could
>> figure out the concept of radio DX noise. She is a cable TV addict and
>> not at all inclined to radio. I do have a radio direction finder that I
>> can run with a solar cell I picked up, so I can walk it around in the
>> sun and try to find the major noise source that way. When I scoped it,
>> it looked like a lot of SCR's triggering at various points so I kind of
>> figure it may be SCR light dimmers.
>>
>> I think I will get my RDF and go hunting tomorrow.
>> Thanks,
>> Bill Baka
>
> To add to what Scott Dorsey said, the chain link fence may be a problem
> in itself. The zinc galvanizing protects the steel below from rusting,
> but it provides a nonlinear junction with any other metals touching it,
> especially copper. Your radio needs a good ground with the shortest
> ground lead possible. Get a good copper-clad ground rod at the home
> improvement store. Locate it below the window closest the radio and run
> a short, heavy gauge wire from it to the radio. Your radio should also
> be grounded to the power line ground for safety.

Good advice but this house is old and does not have a third wire ground
line. There is one at the junction box, but only two lead wire feeding
the house. It may be time to sink a ground rod under my window.
>
> The preamp must be very linear and have an exceptionally high dynamic
> range to not cause problems. If it does not, RF interference at one
> frequency will mix with all other signals to produce a cacophony of
> noise. Your receiver should be more than sensitive enough on the lower
> bands to not need a preamp. If you must use it on the higher bands,
> consider using a high-pass filter ahead of the preamp. It will attenuate
> the lower frequencies (where the noise is the strongest) yet allow the
> higher frequencies to pass with little to no attenuation.

I try to DX on anything from 540KHz to 31 MHZ, so it is a mixed bag. The noise waveform on the scope is the same with and without the preamp in the loop. If it is power line I could always hook a scope probe to the high (hot) side of the 110 VAC and take a look. I can easily build a simple filter to take out the 60 Hz power line and just look for spikes.
>
> The Timewave (formerly JPS) ANC-4 and the MFJ 1026 noise cancellers work
> quite well if you have a single noise source or if one noise source
> dominates. With multiple sources, they do not work nearly as well. For
> a homebrew version, see the article by W7XC in the July, 1994 QST. Note
> that there are several subsequent corrections and additions to this
> article (9/1994, 1/1995, 9/1996).

I'm thinking that one of these or something I design would be synced to the power line and just take out a piece at a time. A one shot for the delay to the biggest noise pulse (variable by me) and another one shot with variable width to cover the width of the noise pulse. A double section one shot and a digital switch like a DG411 could take out the worst pulse. Depending on my ambition I could make another few for the next biggest pulses, but at some point all the chopping of the signal might make the actual signal un-listenable.

>
> Be persistent with the power company but do not get your hopes up. I
> once called the power company and they sent a crew out. They listened
> with their truck two-way radio and said they could not hear any noise.
> Of course, the truck radio was FM! :-(
>
> 73, Barry WA4VZQ
>
>
>
The only thing I have ever gotten out of the power company was an extra transformer due to overload from one transformer feeding about ten houses, all with A/C going. They finally gave in and put in another so that only 5 houses per transformer was the end game. I tried the noise thing a while back and they just asked if I had power, and I said yes, then they said 'NO'. With so few of us non-internet addicts around these days they could care less about radio reception.
About ten years ago I located a noisy pole and told them but they did nothing until it arced over and burned off the top of the pole. Only then did they respond, and it was way more expensive than fixing it in the first place would have been.
Thanks,
Bill Baka

423. Re: Repair or keep?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-24 18:54:24 UTC
From: Steve <zarco@sonic.net>
Message-ID: <4bfacb63$0$22123$742ec2ed@news.sonic.net>
Source record: 1193

Bob,
It really depends on what you'd like to do. If you think you'd
like to get them going and use as a vintage station, its certainly
worth the time and effort to fix them up. personally I get a big
kick out of doing this. All the time I hear folks saying they wish
they had kept their old rigs. Plenty of help if you decide to
restore. As for value if you decide to sell, check out the
forums at QRZ.com or even fleabay.
Steve
"Robert Smits" <bob@rsmits.ca> wrote in message
news:OvCdnUVb-LiMO2TWnZ2dnUVZ_hWdnZ2d@giganews.com...
>I have some old Amateur Radio Equipment I'm trying to decide whether to
>sell
> , restore, or keep.
>
> The stuff in question is a Johnson Viking Ranger Transmitter, the 160-10 M
> version, including a Johnson TR switch, and a Hallicrafters SC-77A
> Receiver.
>
> I don't have a variac, so I have not fired any of them up, and I assume
> all
> will need new resistors and caps.
>
> They're in reasonable cosmetic condition, but show signs of wear, and have
> been sitting on the shelf for 10 years at least.
>
> I'm looking for some advice on whether to restore them, and if I do where
> I
> can find electrolytics to replace existing ones.
>
> If I decide I don't have the time, what would be a fair price to offer
> them
> for? and do you recommend any particular venue?
>
> I'm on Vancouver Island in British Columbia Canada.
>
> Bob, VE7HS

424. Lavoie Laboratories LA-71 Deviation Meter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-28 02:13:20 UTC
From: Gordon <ve5uj@yahoo.com>
Message-ID: <67ae5e0a-bed8-4da8-849f-23dda6a867aa@m21g2000vbr.googlegroups.com>
Source record: 1194

It would be good to find a manual for this unit. I have found some info about the company on the web. It looks to be in fine shape and I am sure it would perform as intended if I could find some instructions. Tom's site isn't accepting email right now so I assume patience will be the order of the day. Thanks for reading this, 73 Gordon

425. Inter connect cables for 420/430 converters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-05-30 13:55:40 UTC
From: kc8uqp <kc8uqp.6484394@radiobanter.com>
Message-ID: <kc8uqp.6484394@radiobanter.com>
Source record: 1195

I have an TS-420 nearly a complete station missing only a couple of
things

1 the interconnect cable/ends to link 2/6m converters to the kenwood
transceiver... anyone have the part numbers for them or a reasonable
priced
cable or just the plugs?

they are odd have only seen them on kenwood

the other items missing are :
external freq counter my 420s has one built in but..... want the
matching external one
the clock
the mobile hand mic (just missed on on eBay)

you can contact vie Email at kc8uqp@gmail.com if you like

--
kc8uqp

426. HCRA Tail Gate Party - Feeding Hills, MA - June 4th

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-01 00:04:32 UTC
From: Jim - KK1W <kk1w@charter.net>
Message-ID: <Q6YMn.84172$jt.64067@newsfe04.iad>
Source record: 1196

Yupper, itï¿½s that time again! Time for the annual HCRA Tail Gate party. The party kicks off at 6:00 PM, before the start of our regular club meeting. You canï¿½t go wrong, admission is free for buyers and only $5.00 for a TG spot for sellers. In case of inclement weather we can provide space inside to show off your wares.

Here are all the gory details:

Time: 6:00 PM until 7:30 PM
Date: June 4th
Location: Feeding Hills Congregational Church, 21 N. Westfield St., Feeding Hills, MA 01030
Host: Hampden County Radio Association.

New this year!
Hot Dogs and Soda. Enjoy a steamed dog with all the fixinï¿½s cooked on the spot by Jim and George. There also will be an assortment of homemade delectables for your sweet tooth.

Tickets for our annual Field Day raffle will be on sale this evening. For only a $5.00 donation (or 5 tickets for $20) you could win a Yaesu FT 1900R Two meter mobile rig AND a Hustler MX2 mag mount antenna. Only 75 tickets will be sold and the drawing will be held at the close of Field Day, June 27th, at Dufresne Park. The drawing goes off no matter how many tickets are sold. Donï¿½t miss out, get your ticket at the Tail Gate party before theyï¿½re all gone.

More info about HCRA and directions available at: http://www.hcra.org

ï¿½73ï¿½

Jim, KK1W

427. Ham Radio in the Movies

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-02 03:03:32 UTC
From: COLIN LAMB <k7fm@teleport.com>
Message-ID: <FLadnUsOmrdkVJjRnZ2dnUVZ_tydnZ2d@earthlink.com>
Source record: 1197

I happened to watch Operation Petticoat a few days ago, with Cary Grant. Early in the movie, in the background of Grant's submarine was a Hallicrafters SX-43 and a Hallicrafters SX-17, Later, there was a supply "raid" in a warehouse by Tony Curtis. Although the camera scanned quickly, it looked like a BC-610 on a pallet.

Colin K7FM

428. 30S-1 HF Amplifier

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-03 00:29:11 UTC
From: Sonny Hood <wrhood@cox.net>
Message-ID: <iptd061s0bnvdlqang85o06oo581a1m8pd@4ax.com>
Source record: 1198

30S-1 HF Amplifier AS IS with copy of manual. Good shape, not
tested, received as a donation to K4AMG Memorial Club. $1,200.00
Pick up at the Manassas Hamfest, June 13. Any questions contact via
http://www.k4amg.com

429. Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-03 00:47:34 UTC
From: nc183d <nc183d@aol.com>
Message-ID: <9355bbb7-0c43-46bd-ab85-defa7f8046b0@s41g2000vba.googlegroups.com>
Source record: 1199
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

All,
Is it possible to help old cloth-covered power cords keep their
flexiblity? Is there anything that can be applied to rejuvenate the
cotton covering to prevent fraying?
rgds,
Mark S.

430. Re: Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-03 01:09:07 UTC
From: Paul P <usenet@ppinyot.com>
Message-ID: <hu6vbl$ug4$1@news.eternal-september.org>
Source record: 1200
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

"nc183d" <nc183d@aol.com> wrote in message
news:9355bbb7-0c43-46bd-ab85-defa7f8046b0@s41g2000vba.googlegroups.com...
> All,
> Is it possible to help old cloth-covered power cords keep their
> flexiblity? Is there anything that can be applied to rejuvenate the
> cotton covering to prevent fraying?
> rgds,
> Mark S.

I can only add a source for new, replacement cloth covered cord:

http://www.radiodaze.com/power.htm

There are others.
Paul P.

431. Re: Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-03 03:09:09 UTC
From: SX-25 <telegrapher@hotmail.com>
Message-ID: <ReydnflX0LNugZrRnZ2dnUVZ_r6dnZ2d@earthlink.com>
Source record: 1201
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

Mark,

Dry rot and the effects of time and environment can take their toll without any way of
turning back. However, my wife whose college degree is in home economics, suggests two
products usually carried at fabric stores (Jo-Ann, Hancock etc). She also says fraying and
wear of cloth are two different problems in that fraying generally happens on the edge of
cloth. Her suggestion is to get something called "spray sizing" and try applying it to the cloth wire to
preserve or revitalize the fibers. (Obviously disconnect power...sigh...I feel stupid having to
say that because I know everyone knows better but I am a victim of "contemporary correctness" I guess).
To retard or stop fraying get a product called "Fraychek." Also sold at fabric stores.
Good luck.

WA9VLK

432. Re: Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-03 06:11:20 UTC
From: nesesu <neil_sutcliffe@telus.net>
Message-ID: <541c9e9f-abf4-46c4-b446-d96547e01e7c@d12g2000vbr.googlegroups.com>
Source record: 1202
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

On Jun 2, 8:09 pm, "SX-25" <telegrap...@hotmail.com> wrote:
> Mark,
>
> Dry rot and the effects of time and environment can take their toll without
> any way of
> turning back. However, my wife whose college degree is in home economics,
> suggests two
> products usually carried at fabric stores (Jo-Ann, Hancock etc). She also
> says fraying and
> wear of cloth are two different problems in that fraying generally happens
> on the edge of
> cloth. Her suggestion is to get something called "spray sizing" and try
> applying it to the cloth wire to
> preserve or revitalize the fibers. (Obviously disconnect power...sigh...I
> feel stupid having to
> say that because I know everyone knows better but I am a victim of
> "contemporary correctness" I guess).
> To retard or stop fraying get a product called "Fraychek." Also sold at
> fabric stores.
> Good luck.
>
> WA9VLK

My $0.02 to add to Mark's comments is that the cloth outer serving as
well as the cotton woven over each conductor is usually covering a
rubber insulation on the copper wires. The rubber is intended to
provide a continuous seal and insulating spacing between the copper
and cotton, and since the rubber is usually well perished and
crumbling by now, it no longer is able to do it's intended job. IMHO,
it is folly to use perished cloth covered cord where a wrong flex can
easily cause strands of copper to push through the cotton and contact
each other or an external conductor [such as the user] with attendent
risk of fire, or, should a liquid be spilled on the fabric it could
easly come in contact with the copper condictors through the cracking
of the ancient rubber, again posing a shock and/or fire risk.
Personally, I always replace all the primary wiring with new,
approved, wire and add a fuse on transformer sets.

Neil S.

433. Re: Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-03 12:36:41 UTC
From: kludge@panix.com
Message-ID: <hu87kp$7qh$1@panix2.panix.com>
Source record: 1203
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

nc183d <nc183d@aol.com> wrote:
>All,
>Is it possible to help old cloth-covered power cords keep their
>flexiblity? Is there anything that can be applied to rejuvenate the
>cotton covering to prevent fraying?
>rgds,

I have actually not seen the cloth coverings degrade over the years other
than from mechanical abrasion. You can try washing them in Woolite (no joke!)
to get them nice and clean, and then just treating them carefully.

Abrasion will kill them very quickly, and once they start to fray they will
just get worse and worse. A little clear lacquer on damaged parts can keep
the damage from spreading.

A lot of those cords were made with natural rubber insulation and then an
outer cloth jacket. The cloth usually outlives the internal insulation
which becomes hard and crumbly. When this happens, the cord MUST be replaced.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

434. HP 200CD wide range audio oscillator manual (1965 edn) available for Rapidshare download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-04 02:25:20 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <v9qdnTtZGrGI-ZXRnZ2dnUVZ_uSdnZ2d@giganews.com>
Source record: 1204

Hi, Gang

I have a late model HP 200CD, and was somewhat frustrated
that all the manuals I found on-line were of the earlier,
octal-tube, version.

Another HP enthusiast acquired an updated manual, which includes
info on all the previous versions of the HP 200CD. He scanned it,
sent me a pdf copy and is kindly making it available for posting.

Anyway, I have it available for download here:
http://rapidshare.com/files/394939577/HP-200CD_wide_range_audio_oscillator__1965_edn.pdf

73,
Ed Knobloch

435. K9YA Telegraph, July 2010 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-04 16:13:04 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <360FC02DE05E4A5BB3C3DA40E4F068D2@kent01250b2901>
Source record: 1205
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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Nice Adventures By Philip Cala-Lazar, K9PL

Slow Scan Television By Paul W. Ross, W3FIS

Antenna Adjectives-Words Aplenty By Rick Hiller, W5RH

Clues and Kinks for the Radio Ham By Bob Cashdollar, NR8U

Bill Little, W2OJJ (SK) By Chris Johnson, WA2ZDY/4

Ham Quips By Dick Sylvan, W9CBT

436. Re: Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-05 14:24:20 UTC
From: Unrevealed Source <nospam@nowhere.com>
Message-ID: <C7tOn.21559$7d5.13425@newsfe17.iad>
Source record: 1206
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

If the cord is in a condition that causes you to ask this question, then it must be replaced. Safety and reliability are always the number one goal of any radio work. Generally, all cords should be replaced, especially those that are that old. Cloth-covered reproduction power cord is available.

"nc183d" <nc183d@aol.com> wrote in message news:9355bbb7-0c43-46bd-ab85-defa7f8046b0@s41g2000vba.googlegroups.com...
> All,
> Is it possible to help old cloth-covered power cords keep their
> flexiblity? Is there anything that can be applied to rejuvenate the
> cotton covering to prevent fraying?
> rgds,
> Mark S.

437. General Radio Bridge Part

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-05 21:10:36 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <auOdnbQaPZjNIJfRnZ2dnUVZ_oKdnZ2d@earthlink.com>
Source record: 1207

This is sort of a last gasp since this is not really
boatanchor stuff. I recently aquired a General RAdio 1650-A
Impedance Bridge. Its missing the battery case cover. I
wonder if anyone out there has one. I think the same cover
was used on a couple of other GR instruments. It looks
something like the bottom of a flashlight case. I can make
something to fit but would like an original if I can find
one.
Posting here is a very long chance but you never know
if you don't ask.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

438. Help with ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-05 21:14:09 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c0abe15$0$12124$4fafbaef@reader4.news.tin.it>
Source record: 1208

I wonder whether any one would be available to precisely measure the DC resistance of the RF thermocouple meter (5A f.s.) of the ART-13 transmitter? I reckon it should be in the range of 4 ohm. The only nuisance is that, to measure resistance, one of the two leads must be disconnected as the resistance of the circuit connected to the meter is very low.

Thanks in advance.

Tony I0JX
Rome, Italy

439. Breezeshooters hamfest

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-06 00:21:38 UTC
From: Paul P <usenet@ppinyot.com>
Message-ID: <huepoo$l8m$1@news.eternal-september.org>
Source record: 1209

Any one from SW PA going to the Breezeshooters hamfest this Sunday (Butler PA)? Stop by the Skyview booth (in the
Rabbit barn bldg #3?) and say Hello.

http://www.breezeshooters.net/

Paul P.

440. Re: HP 200CD wide range audio oscillator manual (1965 edn) available for Rapidshare download

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-06 00:22:39 UTC
From: Paul P <usenet@ppinyot.com>
Message-ID: <huepop$l8m$2@news.eternal-september.org>
Source record: 1210

"Edward Knobloch" <alias@nowhere.net> wrote in message
news:v9qdnTtZGrGI-ZXRnZ2dnUVZ_uSdnZ2d@giganews.com...
> Hi, Gang
>
> I have a late model HP 200CD, and was somewhat frustrated
> that all the manuals I found on-line were of the earlier,
> octal-tube, version.
>
> Another HP enthusiast acquired an updated manual, which includes
> info on all the previous versions of the HP 200CD. He scanned it,
> sent me a pdf copy and is kindly making it available for posting.
>
> Anyway, I have it available for download here:
> http://rapidshare.com/files/394939577/HP-200CD_wide_range_audio_oscillator__1965_edn.pdf
>
> 73,
> Ed Knobloch

I appreciate your efforts. Keep up the good works.

Paul P.

441. Re: Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-06 14:33:16 UTC
From: Denton <whitecastle@peoplepc.com>
Message-ID: <BfydnURkNo9YLJbRnZ2dnUVZ_oCdnZ2d@earthlink.com>
Source record: 1211
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

Aren't we being a little melodramatic? Cloth covering that is worn or discolored
does not always indicate a break down of the inner insulation. Roll back the cloth a little and take a look. If the rubber is defective it will be evident by
flexing it. Let's not always fall on the sword and over-analyze.

> If the cord is in a condition that causes you to ask this question, then
> it must be replaced. Safety and reliability are always the number one
> goal of any radio work. Generally, all cords should be replaced,
> especially those that are that old. Cloth-covered reproduction power
> cord is available.

442. Re: Keeping old cloth covered cords healthy

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-07 11:30:42 UTC
From: Unrevealed Source <nospam@nowhere.com>
Message-ID: <QM4Pn.7319$3y2.4372@newsfe11.iad>
Source record: 1212
Cross-posted to: rec.radio.amateur.boatanchors,rec.antiques.radio+phono

I will maintain that any electrical cord on anything, that is as old as
we're talking about here, should be replaced. We "shotgun" capacitors.
Same thing - part of a restoration.

Of course if you're just talking about a cosmetic restoration (in a museum
or on a shelf, never to be plugged in) then of course that's a different
story.

"Denton" <whitecastle@peoplepc.com> wrote in message
news:BfydnURkNo9YLJbRnZ2dnUVZ_oCdnZ2d@earthlink.com...
> Aren't we being a little melodramatic? Cloth covering that is worn or
> discolored
> does not always indicate a break down of the inner insulation. Roll back
> the
> cloth a little and take a look. If the rubber is defective it will be
> evident by
> flexing it. Let's not always fall on the sword and over-analyze.
>
>
>> If the cord is in a condition that causes you to ask this question, then
>> it must be replaced. Safety and reliability are always the number one
>> goal of any radio work. Generally, all cords should be replaced,
>> especially those that are that old. Cloth-covered reproduction power
>> cord is available.
>
>

443. NC-57 deafness problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-07 23:50:33 UTC
From: petev <belizando@gmail.com>
Message-ID: <2e2106d5-edf9-4ef6-8d20-151e255c0bb9@u26g2000yqu.googlegroups.com>
Source record: 1213

I've been hitting a wall with this restoration. I recapped and completed a full alignment, and while it performs beautifully from broadcast band to 12 mhz (bands C, D and E), it is quite deaf on bands A and B (basically 12-mhz up). I didn't realize it during alignment because I had been feeding a robust RF generator signal and it was aligning quite nicely on those upper bands. But once I hooked up an antenna, I noticed that nothing but the strongest stations come through on bands A and B, 12 mhz and above. I traced the antenna coil section very carefully and checked all three sections for open coils, open bandswitch contacts and cold joints. I can inject an antenna signal at the bandswitch wafer in the mixer section and the sensitivity comes back. It seems the signal is getting held up at the antenna coil section only on bands A and B, but for the life of me, I can't find the issue, which makes me think I'm missing something. Any suggestions would be greatly appreciated!

444. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-08 02:14:27 UTC
From: petev <belizando@gmail.com>
Message-ID: <395f03f0-e1aa-45cc-8475-5ef1491a072d@a30g2000yqn.googlegroups.com>
Source record: 1214

On May 22, 7:03 pm, Bill Baka <bb...@comcast.net> wrote:
> On 05/22/2010 04:44 PM, petev wrote:
>
> > I can vouch for the MFJ noise cancelling antenna. However, you have to
> > keep re-adjusting
> > it as you change frequency. Not by much, but it requires re-tweaking.
> > It makes the noise
> > practically dissapear, without the artifacts of a noise limiter.
> > Perhaps you can find one on ebay,
> > Or appeal to a ham club or two for a loaner or a donation.
>
> One of my friends refers to MFJ as Mighty Fine Junk. How good is it?
> Bill Baka

Some of MFJ's products are indeed questionable (like their RTTY
reader)
but the noise cancelling antenna actually works as advertised. It is
very
tweak intensive, however, and precludes casual band surfing, as the
phase
relationship between the noise and signal antennas changes as you
change frequency.

445. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-08 02:30:57 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <huka11$1bt$1@news.eternal-september.org>
Source record: 1215

On 06/07/2010 07:14 PM, petev wrote:
> On May 22, 7:03 pm, Bill Baka<bb...@comcast.net> wrote:
>> On 05/22/2010 04:44 PM, petev wrote:
>>
>>> I can vouch for the MFJ noise cancelling antenna. However, you have to
>>> keep re-adjusting
>>> it as you change frequency. Not by much, but it requires re-tweaking.
>>> It makes the noise
>>> practically dissapear, without the artifacts of a noise limiter.
>>> Perhaps you can find one on ebay,
>>> Or appeal to a ham club or two for a loaner or a donation.
>>
>> One of my friends refers to MFJ as Mighty Fine Junk. How good is it?
>> Bill Baka
>
> Some of MFJ's products are indeed questionable (like their RTTY
> reader)
> but the noise cancelling antenna actually works as advertised. It is
> very
> tweak intensive, however, and precludes casual band surfing, as the
> phase
> relationship between the noise and signal antennas changes as you
> change frequency.

Sounds almost like work. The noise is worst at the lower frequencies but still wreaks havoc with me even getting WWV at 10 MHz. There is one permanent spike at the peaks of the power line, so it is something that is being rectified, and the rest just seem random in nature. I thought it might have been SCR noise but it doesn't follow any kind of logical pattern. The Hammarlund's noise limiter chops the main spike but thinks the rest is a legitimate signal.
Bill Baka

446. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-08 14:10:57 UTC
From: kludge@panix.com
Message-ID: <hulj1h$h8j$1@panix2.panix.com>
Source record: 1216

Bill Baka <bbaka@comcast.net> wrote:
>Sounds almost like work. The noise is worst at the lower frequencies but
>still wreaks havoc with me even getting WWV at 10 MHz. There is one
>permanent spike at the peaks of the power line, so it is something that
>is being rectified, and the rest just seem random in nature. I thought
>it might have been SCR noise but it doesn't follow any kind of logical
>pattern. The Hammarlund's noise limiter chops the main spike but thinks
>the rest is a legitimate signal.

This can be just about anything, including SCRs, switching supplies, and
arcing.

All you can do, once you have established that it isn't your house, is to
get a handheld AM radio and use the loopstick to try and DF it. The problem
is that the junk gets into power lines and then radiates from there, so
it can seem to be coming from everywhere at times.

It's amazing how much trash one touch lamp can put out.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

447. HW-29 and HW-29A

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-08 20:45:42 UTC
From: Thermion <thermion@uk.radio.amateur>
Message-ID: <_ZxPn.3$234.2@newsfe11.ams2>
Source record: 1217

Can anyone please explain the difference(s) if any, between
the two Heathkit "Sixer" models HW-29 and HW-29A?

448. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-08 21:00:05 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <humb0m$9g1$1@news.eternal-september.org>
Source record: 1218

On 06/08/2010 07:10 AM, Scott Dorsey wrote:
> Bill Baka<bbaka@comcast.net> wrote:
>> Sounds almost like work. The noise is worst at the lower frequencies but
>> still wreaks havoc with me even getting WWV at 10 MHz. There is one
>> permanent spike at the peaks of the power line, so it is something that
>> is being rectified, and the rest just seem random in nature. I thought
>> it might have been SCR noise but it doesn't follow any kind of logical
>> pattern. The Hammarlund's noise limiter chops the main spike but thinks
>> the rest is a legitimate signal.
>
> This can be just about anything, including SCRs, switching supplies, and
> arcing.
>
> All you can do, once you have established that it isn't your house, is to
> get a handheld AM radio and use the loopstick to try and DF it. The problem
> is that the junk gets into power lines and then radiates from there, so
> it can seem to be coming from everywhere at times.
>
> It's amazing how much trash one touch lamp can put out.
> --scott

Well,
I do have a marine RDF, but I can't find it under my piles of stuff,
radios, car parts, more 'stuff'.
When I find it I will be out looking around.
Bill

449. Re: HW-29 and HW-29A

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-08 22:34:39 UTC
From: Northe <nosbrink@cox.net>
Message-ID: <3AzPn.140297$0M5.72248@newsfe07.iad>
Source record: 1219

Thermion wrote:
> Can anyone please explain the difference(s) if any, between
> the two Heathkit "Sixer" models HW-29 and HW-29A?
>
The HW-29A used 8-MHz crystals for the transmitter, and multiplied the oscillator frequency by 6 (so that 8.333 MHz crystals transmitted on 50 MHz) -- the 8 MHz crystals were readily available surplus at that time. The earlier HW-29 which came out around 1960 used more-expensive _overtone_ crystals -- in which the crystal was actually made to operate at a multiple of it's basic frequency. Since the 8 MHz FT-243 crystals were so cheap, many, if not all, the HW-29s were modified to take them, and Heath quickly figured it out.

Northe
N6KO

450. Re: HW-29 and HW-29A

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-09 14:04:51 UTC
From: Thermion <thermion@uk.radio.amateur>
Message-ID: <ccNPn.6997$Cf7.174@newsfe17.ams2>
Source record: 1220

"Northe" <nosbrink@cox.net> wrote in message
news:3AzPn.140297$0M5.72248@newsfe07.iad...
> Thermion wrote:
>> Can anyone please explain the difference(s) if any, between
>> the two Heathkit "Sixer" models HW-29 and HW-29A?
>>
> The HW-29A used 8-MHz crystals for the transmitter, and multiplied the
> oscillator frequency by 6 (so that 8.333 MHz crystals transmitted on 50
> MHz) -- the 8 MHz crystals were readily available surplus at that time.
> The earlier HW-29 which came out around 1960 used more-expensive
> _overtone_ crystals -- in which the crystal was actually made to operate
> at a multiple of it's basic frequency. Since the 8 MHz FT-243 crystals
> were so cheap, many, if not all, the HW-29s were modified to take them,
> and Heath quickly figured it out.
>
> Northe
> N6KO

Many thanks!

451. Re: HW-29 and HW-29A

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-11 02:31:19 UTC
From: Fred McKenzie <fmmck@aol.com>
Message-ID: <fmmck-130707.22311810062010@5ad64b5e.bb.sky.com>
Source record: 1221

In article <3AzPn.140297$0M5.72248@newsfe07.iad>,
Northe <nosbrink@cox.net> wrote:

> Since the 8 MHz FT-243 crystals
> were so cheap, many, if not all, the HW-29s were modified to take them,
> and Heath quickly figured it out.

Heath produced a mod kit for the original HW-29, to add an 8 MHz oscillator. As I recall, it was built on a bracket mounted using the two holes on the front panel that originally held the plastic Heath logo.

I obtained a used Heath CB model similar to the Tener, and converted it to a Sixer. I home-brewed the 8 MHz oscillator.

This was back in the 60s when the band was wide open. I did not have the capability of measuring RF power, but would guess my makeshift version of the Sixer put out about one watt.

Fred
K4DII

452. ART-13 RF meter -Thermocouple

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-11 15:05:49 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c1250cb$0$18662$4fafbaef@reader3.news.tin.it>
Source record: 1222

Is anyone willing to sell me an ART-13 5A RF ammeter?

I don't care whether the case is in bad shape or broken. The important is that the meter shows ohmic continuity.

Shipment to a US location can be arranged.

73

Tony I0JX
Rome, Italy

453. All tax related matters and International tax matters.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-12 05:01:34 UTC
From: Jacquelyn Lopez <jcqlnlpz988@gmail.com>
Message-ID: <09aac862-2f83-4b8c-85a4-f9a5efbc6a7d@x27g2000yqb.googlegroups.com>
Source record: 1223

Tax, Business, Real Estate, Securities, Estate Planning.
These are examples of services that Paul can provide to you or your
business. Like any list, it is not exhaustive, so it is best to call
or email about specific services or projects. If you would like to
contact Paul about any of these services.
http://pauljonesattorney.com/services

454. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-17 10:05:26 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <NKOdndY1oY_yboTRnZ2dnUVZ_r-dnZ2d@earthlink.com>
Source record: 1224

"Bill Baka" <bbaka@comcast.net> wrote in message
news:humb0m$9g1$1@news.eternal-september.org...
> On 06/08/2010 07:10 AM, Scott Dorsey wrote:
>> Bill Baka<bbaka@comcast.net> wrote:
>>> Sounds almost like work. The noise is worst at the lower
>>> frequencies but
>>> still wreaks havoc with me even getting WWV at 10 MHz.
>>> There is one
>>> permanent spike at the peaks of the power line, so it is
>>> something that
>>> is being rectified, and the rest just seem random in
>>> nature. I thought
>>> it might have been SCR noise but it doesn't follow any
>>> kind of logical
>>> pattern. The Hammarlund's noise limiter chops the main
>>> spike but thinks
>>> the rest is a legitimate signal.
>>
>> This can be just about anything, including SCRs,
>> switching supplies, and
>> arcing.
>>
>> All you can do, once you have established that it isn't
>> your house, is to
>> get a handheld AM radio and use the loopstick to try and
>> DF it. The problem
>> is that the junk gets into power lines and then radiates
>> from there, so
>> it can seem to be coming from everywhere at times.
>>
>> It's amazing how much trash one touch lamp can put out.
>> --scott
>
> Well,
> I do have a marine RDF, but I can't find it under my piles
> of stuff, radios, car parts, more 'stuff'.
> When I find it I will be out looking around.
> Bill

Its salutary for collectors of stuff to read about the
Collyer brothers. A good account can be found at:

http://en.wikipedia.org/wiki/Collyer_brothers

Electrical noise is a PITA in spades, doubled.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

455. Re: Noisy neigborhood and HQ-129-x

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-17 18:50:25 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <hvdqpi$66m$1@news.eternal-september.org>
Source record: 1225

```
On 06/17/2010 03:05 AM, Richard Knoppow wrote:
> "Bill Baka"<bbaka@comcast.net> wrote in message
> news:humb0m$9g1$1@news.eternal-september.org...
>> On 06/08/2010 07:10 AM, Scott Dorsey wrote:
>>> Bill Baka<bbaka@comcast.net> wrote:
>>>> Sounds almost like work. The noise is worst at the lower
>>>> frequencies but
>>>> still wreaks havoc with me even getting WWV at 10 MHz.
>>>> There is one
>>>> permanent spike at the peaks of the power line, so it is
>>>> something that
>>>> is being rectified, and the rest just seem random in
>>>> nature. I thought
>>>> it might have been SCR noise but it doesn't follow any
>>>> kind of logical
>>>> pattern. The Hammarlund's noise limiter chops the main
>>>> spike but thinks
>>>> the rest is a legitimate signal.
>>>
>>> This can be just about anything, including SCRs,
>>> switching supplies, and
>>> arcing.
>>>
>>> All you can do, once you have established that it isn't
>>> your house, is to
>>> get a handheld AM radio and use the loopstick to try and
>>> DF it. The problem
>>> is that the junk gets into power lines and then radiates
>>> from there, so
>>> it can seem to be coming from everywhere at times.
>>>
>>> It's amazing how much trash one touch lamp can put out.
>>> --scott
>>
>> Well,
>> I do have a marine RDF, but I can't find it under my piles
>> of stuff, radios, car parts, more 'stuff'.
>> When I find it I will be out looking around.
>> Bill
>
> Its salutary for collectors of stuff to read about the
> Collyer brothers. A good account can be found at:
>
> http://en.wikipedia.org/wiki/Collyer_brothers
```

>
> Electrical noise is a PITA in spades, doubled.
>
>
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickburk@ix.netcom.com
>
>
Wow.
I can't top that. That was a bit of an amazing story though.
I have lot of turn of the century National Geographics but nowhere near
what they did. There are a lot of radio parts, lots of books, both mine
and my daughters. Probably half of what I have is of no value, but I do
have some vintage test equipment and some older radios of the tube type.
Bill Baka

456. Re: NC-57 deafness problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-17 20:47:26 UTC
From: David Thompson <thompson@mindspring.com>
Message-ID: <5eidnaUJ5_l9FIfRnZ2dnUVZ_rOdnZ2d@earthlink.com>
Source record: 1226

You might also ask the question on the National reflector on qth.com. You need to go to qth.com to subscribe.

Sounds like a common problem on older RXs. Worked on a more recent NC-125 that was deaf on 15 and 10. A local uses a preselector/pre-amp on his older gear.

Good luck.

73 Dave K4JRB

457. FS Collins 312B-5 RE Nice

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-19 17:09:05 UTC
From: ritchi50@optonline.net
Message-ID: <7dup16touuajqbqtvbl9nr3av40kl8bfub@4ax.com>
Source record: 1227

FS Collins 312B-5 RE Nice
725.00
ritchi50@optonline.net

458. FS, LS-166/U speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-20 01:11:56 UTC
From: Ron in Radio Heaven <w4ron@carolina.rr.com>
Message-ID: <61a56617-7c2e-45d0-b8f6-5028a3474de7@z10g2000yqb.googlegroups.com>
Source record: 1228

Decent original LS-166/U Signal Corp Loudspeaker.
You can close up photos of it here,
http://radioheaven.homestead.com/LS-166-U.html

$45 plus shipping, CONUS only.

_____
73, Ron w4ron

459. Re: NC-57 deafness problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-20 14:35:33 UTC
From: Ed Engelken <EdEngel@gvtc.com>
Message-ID: <f22c061c-4039-4585-b120-2a5d88a927da@z8g2000yqz.googlegroups.com>
Source record: 1229

On Jun 7, 6:50 pm, petev <beliza...@gmail.com> wrote:
> I've been hitting a wall with this restoration. I recapped and
> completed a full alignment, and while it performs beautifully from
> broadcast band to 12 mhz (bands C, D and E), it is quite deaf on
> bands A and B (basically 12-mhz up). I didn't realize it during
> alignment because I had been feeding a robust RF generator signal and
> it was aligning quite nicely on those upper bands.
==========
The local oscillator operates on the low side of the signal frequency
on bands A and B and on the high side for the other bands. Aligning
with the LO on the wrong side of the signal frequency will kill the
sensitivity. You may want to check this out.

460. More General Radio Parts Wanted

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-20 21:07:59 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <yKGdndSozOzNHoPRnZ2dnUVZ_sSdnZ2d@earthlink.com>
Source record: 1230

I am looking for two range multipliers for the GR
1800-A VTVM. They are models 1800-P2 and 1800-P3. I thought
there was just a possibility that someone here might have
one or the other and want to dispose of it.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

461. July swap meet in Sussex NJ???

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-20 22:41:13 UTC
From: nc183d <nc183d@aol.com>
Message-ID: <35fcc9ac-420b-42ab-9ad9-99246e9a3228@y4g2000yqy.googlegroups.com>
Source record: 1231

Isn't there a swap meet at the Sussex County (Augusta) Fairgrounds in early July? Anyone have a link or information as to the date this year? It has been several years since I was able to attend, but this year I would like to see all the folks again. Any information would be greatly appreciated.
rgds,
Mark S.

462. Re: All tax related matters and International tax matters.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-20 22:50:19 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <bb5160d0-842f-4f5a-b83d-1b0ef8673800@k17g2000pro.googlegroups.com>
Source record: 1232

On Jun 11, 10:01 pm, Jacquelyn Lopez <jcqlnlpz...@gmail.com> wrote:
> Tax, Business, Real Estate, Securities, Estate Planning.
> These are examples of services that Paul can provide to you or your
> business. Like any list, it is not exhaustive, so it is best to call
> or email about specific services or projects. If you would like to
> contact Paul about any of these services.http://pauljonesattorney.com/services

Is he licensed in Oregon?

463. Re: July swap meet in Sussex NJ???

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-21 13:19:19 UTC
From: "T. & D. Gregor, Sr." <tdgsr@verizon.net>
Message-ID: <sipu16d84tguen8ahqg08rrjdkkvo04tst@4ax.com>
Source record: 1233

Good Morning Mark:

Here you go...

July 11
Augusta, NJ - Sussex County Amateur Radio Club (SCARC)
Sussex County Fairgrounds, 37 Plains Rd (off Rt. 206), Augusta, NJ
From Rt. 80: Take Rt. 15N Approx. 20 Miles then Rt. 206N 1 Mile, Make
Right on Plains Rd., approx. 1/4 mile - Fairgrounds on right.

From Rt. 23: Take Rt. 94S to Rt. 15N then to Rt. 206N 1 Mile Make
Right on Plains Rd. - approx. 1/4 mile - Fairgrounds on right
From Rt. 84: Take Rt. 23S to Rt. 639 (right onto Rt. 639) in Sussex
Borough. Take Rt. 565 to Rt. 15 & 206. Right on 206N, 1 mile, right
on Plains Rd. - approx. 1/4 mile - Fairgrounds on right
Sussex County Amateur Radio Club, PO Box 11, Newton, New Jersey
07860-0011

Contact: Dan Carter (N2ERH), 8 Carter Lane, Branchville, NJ 07826
973-948-6999 Fax: 973-948-6999
Talk-In: 147.30+ (PL 151.4)
GPS: N 41ï¿½ 08.160 W 074ï¿½ 43.030
E-mail: Hamfest@Scarcnj.org
http://www.scarcnj.org | Flyer | Directions & Map
Cost: $7; Tailgate: $20, Indoor: $20/table; Overnight Camping:
$25
Opens: 8am; Vendor setup available after 6pm Saturday

Hope that helps.

73

Tom G, Sr.

On Sun, 20 Jun 2010 15:41:13 -0700 (PDT), nc183d <nc183d@aol.com>
wrote:

>Isn't there a swap meet at the Sussex County (Augusta) Fairgrounds in
>early July? Anyone have a link or information as to the date this
>year? It has been several years since I was able to attend, but this
>year I would like to see all the folks again. Any information would be
>greatly appreciated.
>rgds,
>Mark S.

464. Re: ART-13 RF meter -Thermocouple

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-23 01:16:52 UTC
From: Thierry_S <motard81_@_hotmail.com>
Message-ID: <4c216075$0$2947$ba4acef3@reader.news.orange.fr>
Source record: 1234

Hi Tony,

I believe these are available from a I.C.P., a French surplus dealer.

Check out their pages, available in french only unfortunately:

http://www.icp-fr.com/z_4647/index.asp?id=840&page=2&fond=

Hope this helps.

Thierry

Le 11/06/2010 17:05, Antonio Vernucci a ï¿½crit :
> Is anyone willing to sell me an ART-13 5A RF ammeter?
>
> I don't care whether the case is in bad shape or broken. The important
> is that the meter shows ohmic continuity.
>
> Shipment to a US location can be arranged.
>
> 73
>
> Tony I0JX
> Rome, Italy

--
Suppress the underscores from the address given to reach me; Pour
m'ecrire, supprimer les deux _ de l'adresse mail "visible"

465. Re: ART-13 RF meter -Thermocouple

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-23 20:01:01 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c2267ff$0$40290$4fafbaef@reader2.news.tin.it>
Source record: 1235

Thierry, tnx for info, though I am unable to open that page.

Maybe it is just temporarily down. Will try later.

Tony I0JX

"Thierry_S" <motard81_@_hotmail.com> ha scritto nel messaggio
news:4c216075$0$2947$ba4acef3@reader.news.orange.fr...
> Hi Tony,
>
> I believe these are available from a I.C.P., a French surplus dealer.
>
> Check out their pages, available in french only unfortunately:
>
> http://www.icp-fr.com/z_4647/index.asp?id=840&page=2&fond=
>
> Hope this helps.
>
>
>
> Thierry
>
>
> Le 11/06/2010 17:05, Antonio Vernucci a ï¿½crit :
>> Is anyone willing to sell me an ART-13 5A RF ammeter?
>>
>> I don't care whether the case is in bad shape or broken. The important
>> is that the meter shows ohmic continuity.
>>
>> Shipment to a US location can be arranged.
>>
>> 73
>>
>> Tony I0JX
>> Rome, Italy
>
>
> --
> Suppress the underscores from the address given to reach me; Pour m'ecrire,
> supprimer les deux _ de l'adresse mail "visible"

466. Re: All tax related matters and International tax matters.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-24 03:37:05 UTC
From: terryS <tsanford@nf.sympatico.ca>
Message-ID: <5ef5fc1c-3e13-4c0d-a0df-4e9c0e340d73@z8g2000yqz.googlegroups.com>
Source record: 1236

On Jun 20, 8:50 pm, "pdr...@coinet.com" <co_far...@yahoo.com> wrote:
> On Jun 11, 10:01 pm, Jacquelyn Lopez <jcqlnlpz...@gmail.com> wrote:
>
> > Tax, Business, Real Estate, Securities, Estate Planning.
> > These are examples of services that Paul can provide to you or your
> > business. Like any list, it is not exhaustive, so it is best to call
> > or email about specific services or projects. If you would like to
> > contact Paul about any of these services.http://pauljonesattorney.com/services
>
> Is he licensed in Oregon?

OT. Nothing to do with < rec.radio.amateur.boatanchors > and while it
says 'international' wonder what they know, if anything about UK or
Canadian Tax law??????? So suppose you have a Euro national living and
working in a Gulf state for a Canadian
corporation ..... !
It is also pretty 'cheap' to advertise in a discussion group and does
not inspire any confidence whatever!

467. Re: ART-13 RF meter -Thermocouple

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-24 03:40:31 UTC
From: Thierry_S <motard81_@_hotmail.com>
Message-ID: <4c22d39f$0$27588$ba4acef3@reader.news.orange.fr>
Source record: 1237

Hi Tony,

I had checked the link just before to send the message here and it
worked fine.

Now it's also down at the moment for me... Hope they'll come back online
soon!

Thierry

Le 23/06/2010 22:01, Antonio Vernucci a ï¿½crit :
> Thierry, tnx for info, though I am unable to open that page.
>
> Maybe it is just temporarily down. Will try later.
>
> Tony I0JX
>
> ----------
> "Thierry_S" <motard81_@_hotmail.com> ha scritto nel messaggio
> news:4c216075$0$2947$ba4acef3@reader.news.orange.fr...
>> Hi Tony,
>>
>> I believe these are available from a I.C.P., a French surplus dealer.
>>
>> Check out their pages, available in french only unfortunately:
>>
>> http://www.icp-fr.com/z_4647/index.asp?id=840&page=2&fond=
>>
>> Hope this helps.
>>
>>
>>
>> Thierry
>>
>>
>> Le 11/06/2010 17:05, Antonio Vernucci a ï¿½crit :
>>> Is anyone willing to sell me an ART-13 5A RF ammeter?
>>>
>>> I don't care whether the case is in bad shape or broken. The important
>>> is that the meter shows ohmic continuity.
>>>
>>> Shipment to a US location can be arranged.
>>>
>>> 73
>>>

>>> Tony I0JX
>>> Rome, Italy
>>
>>
>> --
>> Suppress the underscores from the address given to reach me; Pour
>> m'ecrire, supprimer les deux _ de l'adresse mail "visible"
>

--
Pour m'ecrire, supprimer les deux _ de l'adresse mail "visible"

468. Need B&W 5100 parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-24 23:10:42 UTC
From: Pete Bertini <radioconnection@cox.net>
Message-ID: <TBRUn.571$dx7.75@newsfe21.iad>
Source record: 1238

If anyone is parting out a B@W 5100 transmitter, I
am looking for a good front panel with no paint damage.

pete

469. HOT ROMANCE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-26 08:34:16 UTC
From: OJDJSH <vdsgdfsgdvgv@gmail.com>
Message-ID: <0d58d534-5524-4aa2-8358-fe7b317da1b9@a6g2000pro.googlegroups.com>
Source record: 1239

for jobs http://jobsjackpot.blogspot.com/

hot lip kiss1
http://hotimagesandvideos.blogspot.com/2010/04/hot-lip-kiss1.html
hot hug
http://hotimagesandvideos.blogspot.com/2010/04/hot-hug.html
super hot kiss
http://hotimagesandvideos.blogspot.com/2010/04/super-hot-kiss.html
one lip kiss
http://hotimagesandvideos.blogspot.com/2010/04/one-lip-kiss.html
super navel kiss
http://hotimagesandvideos.blogspot.com/2010/04/super-navel-kiss.html
hot train lip kiss
http://hotimagesandvideos.blogspot.com/2010/04/hot-train-lip-kiss.html
hot boobs kiss
http://hotimagesandvideos.blogspot.com/2010/04/hot-boobs-kiss.html

FOR MORE PHOTOS http://hotphotos.co.in/

470. Re: Need B&W 5100 parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-26 23:41:09 UTC
From: danl <daninxpasco@gmail.com>
Message-ID: <k04d26hf4uedl32v4i7sregpbsvlso3a5c@4ax.com>
Source record: 1240

On Thu, 24 Jun 2010 19:10:42 -0400, "Pete Bertini"
<radioconnection@cox.net> wrote:

>If anyone is parting out a B@W 5100 transmitter, I
>am looking for a good front panel with no paint damage.
>
>pete
>

Which model? B?

471. Re: Need B&W 5100 parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-27 00:45:02 UTC
From: Pete Bertini <radioconnection@cox.net>
Message-ID: <taxVn.582$Zi.33@newsfe14.iad>
Source record: 1241

"danl" <daninxpasco@gmail.com> wrote in message
news:k04d26hf4uedl32v4i7sregpbsvlso3a5c@4ax.com...
> On Thu, 24 Jun 2010 19:10:42 -0400, "Pete Bertini"
> <radioconnection@cox.net> wrote:
>
>>If anyone is parting out a B@W 5100 transmitter, I
>>am looking for a good front panel with no paint damage.
>>
>>pete
>>
>
> Which model? B?

5100. I believe the B version will fit, and that it only has
an extral panel hole for the SSB selector switch. I could
live with that, especially since I may add a 51-S adapter
in the future.

Pete

472. Re: Need B&W 5100 parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-27 23:31:11 UTC
From: Pete Bertini <radioconnection@cox.net>
Message-ID: <mbRVn.1626$cO.675@newsfe09.iad>
Source record: 1242

A transmitter has been found. No longer need this item.

Peter

473. Re: NC-57 deafness problem

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-28 09:24:28 UTC
From: petev <belizando@gmail.com>
Message-ID: <d1229fb6-a9ec-49b3-919c-9d446fc10bfb@y11g2000yqm.googlegroups.com>
Source record: 1243

I've checked that, thanks for the help though. I've put it on the
shelf for a while, its driving me nuts
Will check out the qth reflector!

474. Re: FS, LS-166/U speaker

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-06-29 22:20:39 UTC
From: Ron in Radio Heaven <w4ron@carolina.rr.com>
Message-ID: <c7b4cd7d-6010-43fe-84ca-045d31961e1a@x27g2000yqb.googlegroups.com>
Source record: 1244

On Jun 19, 9:11 pm, Ron in Radio Heaven <w4...@carolina.rr.com> wrote:
> Decent original LS-166/U Signal Corp Loudspeaker.
> You can see close up photos of it here,http://radioheaven.homestead.com/LS-166-U.html
>
> $45 plus shipping, CONUS only.
>

PRICE REDUCED TO $35 plus postage.

_____
73, Ron w4ron

475. Timberland shoes <free shipping paypal payment>(http://www.brandtrade99.com/)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-01 08:20:34 UTC
From: Mets fans <newyorkchen2010@gmail.com>
Message-ID: <81a19834-12be-45b9-a858-a15c41738917@d8g2000yqf.googlegroups.com>
Source record: 1245
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Ugg shoes wholesale <free shipping paypal payment>(http://
www.brandtrade99.com/)
ugg shoes <free shipping paypal payment>(http://
www.brandtrade99.com/)
Footwear <free shipping paypal payment>(http://www.brandtrade99.com/)
Paul Smith shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)
Jordan shoes <free shipping paypal payment>(http://
www.brandtrade99.com/)
Bape shoes <free shipping paypal payment>(

http://www.brandtrade99.com/)
Chanel shoes <free shipping paypal payment>(http://
www.brandtrade99.com/)
D&G shoes <free shipping paypal payment>(http://www.brandtrade99.com/
)
Dior shoes <free shipping paypal payment>(

http://www.brandtrade99.com/)
ED hardy shoes <free shipping paypal payment>(

http://www.brandtrade99.com/)
Evisu shoes <free shipping paypal payment>(http://
www.brandtrade99.com/)
Fendi shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)
Gucci shoes `<free shipping paypal payment>(

http://www.brandtrade99.com/
)
Hogan shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)
Lv shoes <free shipping paypal payment>(http://
www.brandtrade99.com/)
Prada shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)

Timberland shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)
Tous shoes <free shipping paypal payment>(http://www.brandtrade99.com/
)
Ugg shoes <free shipping paypal payment>(http://
www.brandtrade99.com/)
Ice cream shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)
Sebago shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)
Lacoste shoes <free shipping paypal payment>(

http://www.brandtrade99.com/)
Air force one shoes <free shipping paypal payment>(

http://www.brandtrade99.com/
)
TODS shoes <free shipping paypal payment>(

476. Items going to the July 11 SCARCNJ swapmeet

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-02 00:41:31 UTC
From: nc183d <nc183d@aol.com>
Message-ID: <e2236554-c890-4bd7-8827-b6457e522fe8@w12g2000yqj.googlegroups.com>
Source record: 1246

If I can get an inside table, these items will be going to the July 11th Hamfest in Augusta: A Hallicrafters SX11 with matching speaker, A gorgeous Hallicrafters SX28A, An excellent Hallicrafters PM23 speaker, A Silvertone Tombstone, A Uniden Bearcat DX1000, A Philco 38-10, etc, etc etc..... All work just fine and look great. Hope to see old friends there.
rgds,
Mark S.

477. Heathkit MR-1010 Mariner 2 Schematic ?? Pdf?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-04 02:49:08 UTC
From: ray08@telus.net
Message-ID: <EESXn.8454$Z6.3778@edtnps82>
Source record: 1247

Hi,

Replaced all the caps some were off by 50% !!! Has a problem with the
readout, hoping it's not the transfomers.
I've pulled and checked all of the semiconductors on the power board so
there's a good chance I will have to live without the readout.

I finally have a piece of Heathkit gear that has proper fiberglass boards
instead of phenolic.

Any help appreciated. Pls forward off list.

Thanks

Ray

478. HOT PHOTOS BEST

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-04 09:25:35 UTC
From: OJDJSH <vdsgdfsgdvgv@gmail.com>
Message-ID: <aa02ed48-781a-4379-b4f3-72e8c9162303@w15g2000pro.googlegroups.com>
Source record: 1248

for jobs http://jobsjackpot.blogspot.com/

hot lip kiss1
http://hotimagesandvideos.blogspot.com/2010/04/hot-lip-kiss1.html
hot hug
http://hotimagesandvideos.blogspot.com/2010/04/hot-hug.html
super hot kiss
http://hotimagesandvideos.blogspot.com/2010/04/super-hot-kiss.html
one lip kiss
http://hotimagesandvideos.blogspot.com/2010/04/one-lip-kiss.html
super navel kiss
http://hotimagesandvideos.blogspot.com/2010/04/super-navel-kiss.html
hot train lip kiss
http://hotimagesandvideos.blogspot.com/2010/04/hot-train-lip-kiss.html
hot boobs kiss
http://hotimagesandvideos.blogspot.com/2010/04/hot-boobs-kiss.html

FOR MORE PHOTOS http://hotphotos.co.in/

FOR LOANS

http://insuranceandloansdetails.blogspot.com/

479. FS: Collins 51S-1 short wave receiver in excellent condition

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-06 04:23:34 UTC
From: servis_za_elektroniku@yahoo.com
Message-ID: <15f6b272-b860-4e89-ba8d-fe2de4fd3eeb@d37g2000yqm.googlegroups.com>
Source record: 1249
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,alt.ham-radio.marketplace,it.hobby.radioamatori,dk.fritid.hamradio

Listed on eBay. Check pictures and description on my eBay store:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&Item=360277603010

480. FS: Rockwell Collins 851S-1 short wave receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-06 04:25:39 UTC
From: servis_za_elektroniku@yahoo.com
Message-ID: <1646e66e-bed6-4aed-bbce-b7e7440ced4c@y11g2000yqm.googlegroups.com>
Source record: 1250
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,alt.ham-radio.marketplace,it.hobby.radioamatori,dk.fritid.hamradio

Listed on eBay. Check my eBay store for pictures and description.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&Item=360277603527

481. Welcome to Name Your Baby

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-06 18:32:12 UTC
From: Laura Gustavsen <lrgustavsen915@gmail.com>
Message-ID: <1f276997-f696-4f58-b207-9b2734d456e1@k39g2000yqb.googlegroups.com>
Source record: 1051

Nick-Names, Baby's Name
Our baby name generator wizard can help you find some unique names for
your new bundle of joy! Just click on either button below (depending
on whether you are looking for a baby boy or baby girl name) or our
wizard will suggest a name for you. Push the button as many times as
you want until you find the perfect baby name you love!
http://www.nameyourbaby.ca

482. Hallicrafter Values

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-06 22:55:17 UTC
From: Art <art@myantiqueradio.com>
Message-ID: <i10ca8njo1@news.eternal-september.org>
Source record: 1052

I am not a boat anchor guy but picked up a number of Hallicrafters recently.
All in good shape but having trouble trying to determine value for resale.
I am not planning on Ebaying but plan to sell locally (Chicago).

Can anyone provide some guidance?

S-37
HT-32A
SX-24
R46 speaker

Thanks

483. HOT ACTRESS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-08 07:15:19 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <8745eb88-a56f-41ab-b825-50b67f07e12a@k1g2000prl.googlegroups.com>
Source record: 1053

HOT HEROINES PHOTOS

http://hotheroinesphoto.blogspot.com/
SEXY SNEHA

http://hotheroinesphoto.blogspot.com/2010/06/sneha-hot.html
KOUSHA HOT EXPOSING

http://hotheroinesphoto.blogspot.com/2010/06/sexy-kousha.html
PRIYAMANI IN HOT BIKINI

http://hotheroinesphoto.blogspot.com/2010/06/priyamani-hot.html
MADHUSHALINI IN HOT DRESS

http://hotheroinesphoto.blogspot.com/2010/06/blog-post_2972.html
HOTTEST LIPKISS

http://hotheroinesphoto.blogspot.com/2010/06/lipkiss-2.html
NAMITHA IN BATH

http://hotheroinesphoto.blogspot.com/2010/06/nayagarala-namitha.html
http://hotheroinesphoto.blogspot.com/2010/06/nayagarala-namitha.html

484. Discount wholesale Prada Jeans (http://www.brandtrade99.com/)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-08 09:27:12 UTC
From: "www.sneaker-shop08.com" <yijeans11@163.com>
Message-ID: <b7f79d16-999f-440e-a7aa-3513a59f1a39@k14g2000pro.googlegroups.com>
Source record: 1054
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Discount wholesale Affliction Jeans <free shipping paypal payment>
Discount wholesale AK Jeans (http://www.brandtrade99.com/)
Discount wholesale Armani Jeans <free shipping paypal payment>
Discount wholesale Artful Dodger Jeans <free shipping paypal payment>
Discount wholesale BAPE Jeans <free shipping paypal payment>
Discount wholesale BBC Jeans (http://www.brandtrade99.com/)
Discount wholesale Black Label Jeans
Discount wholesale Cavalli Jeans <free shipping paypal payment>
Discount wholesale Christian Audigier Jeans
Discount wholesale Coogi Jeans
Discount wholesale Crown Holder Jeans (http://
www.brandtrade99.com/)
Discount wholesale D&G Jeans
Discount wholesale Diesel Jeans <free shipping paypal payment>
Discount wholesale ECKO Jeans (http://www.brandtrade99.com/)
Discount wholesale ED Hardy Jeans
Discount wholesale Evisu Jeans <free shipping paypal payment>
Discount wholesale G-STAR Jeans <free shipping paypal payment>
Discount wholesale GUCCI Jeans
Discount wholesale Iceberg Jeans
Discount wholesale Kanji Jeans (http://www.brandtrade99.com/)
Discount wholesale Laguna Beach Jeans <free shipping paypal payment>
Discount wholesale Levi s Jeans
Discount wholesale LRG Jeans <free shipping paypal payment>
Discount wholesale LV Jeans
Discount wholesale Prada Jeans (http://www.brandtrade99.com/)
Discount wholesale RMC Jeans
Discount wholesale Roca Wear Jeans <free shipping paypal payment>
Discount wholesale Rock&Republic Jeans
Discount wholesale True Religion Jeans <free shipping paypal payment>
Discount wholesale Versace Jeans <free shipping paypal payment>
Discount wholesale ZEN Jeans (http://www.brandtrade99.com/)

485. GR-1650A

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-08 17:29:39 UTC
From: Roger Johnson <n1rj~@roadrunner.com>
Message-ID: <6WnZn.6389$xZ2.2262@newsfe07.iad>
Source record: 1055

I also need a part for this bridge. It's the gray
binding post bushing on the upper left of the panel.
I think these same binding posts were used on most
GR equipment.

Thanks, Roger N1RJ

486. Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-09 07:16:35 UTC
From: M0WYM <nospammers@radiowymsey.org>
Message-ID: <i16icj$u3g$3@news.eternal-september.org>
Source record: 1056

I have a large 5 gang variable cap with anti-backlash gear and worm drive, does anyone know what radio it comes from? You can see a pic here: http://www.radiowymsey.org/IMG_0003.JPG

The cap is approx 6 x 3 x 2 inches

Thanks,

Charlie.

--
M0WYM
www.radiowymsey.org

Sales @ radiowymsey
http://shop.ebay.co.uk/gnome7763/m.html?

487. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-10 05:16:29 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <wMKdnWOAvfWsn6XRnZ2dnUVZ_vednZ2d@giganews.com>
Source record: 1057

"M0WYM" <nospammers@radiowymsey.org> wrote in message
news:i16icj$u3g$3@news.eternal-september.org...
>I have a large 5 gang variable cap with anti-backlash gear and worm drive,
>does anyone know what radio it comes from? You can see a pic here:
>http://www.radiowymsey.org/IMG_0003.JPG
>
> The cap is approx 6 x 3 x 2 inches
>
> Thanks,
>
>
> Charlie.

Quick answer, I don't know. However there are clues here that could help
someone with a better memory than me.

1. 5 gang variables were common in superhet receivers with two
RF stages. Mostly military, and mostly aircraft.
2. Looks like the tuning drive adapter is for a remote control cable.

BC-348/224's had 5 gang variables, I believe, as did the BC-312.
however those had a direct drive, 1/4" shaft from the worm drive, not
a remote cable adapter.

Sorry to waste bandwidth here, but I don't know.

Old Chief Lynn, W7LTQ

488. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-10 07:18:04 UTC
From: VK3XAO <mack@melbpc.org.au>
Message-ID: <78df4bc2-8873-46f7-883c-7afa41591a62@h8g2000prn.googlegroups.com>
Source record: 1058

On Jul 9, 5:16 pm, M0WYM <nospamm...@radiowymsey.org> wrote:
> I have a large 5 gang variable cap with anti-backlash gear and worm
> drive, does anyone know what radio it comes from? You can see a pic
> here:http://www.radiowymsey.org/IMG_0003.JPG
>
> The cap is approx 6 x 3 x 2 inches
>
> Thanks,
>
> Charlie.
>
> --
> M0WYMwww.radiowymsey.org
>
> Sales @ radiowymseyhttp://shop.ebay.co.uk/gnome7763/m.html?

Probably from a SCR-269 (BC-433) or ARN-7 Radio Compass. Loop, 2 RF,
Oscillator and Mixer tuning.

John Mackesy VK3XAO

489. HOT ACTRESS PHOTOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-10 07:23:10 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <de92e5e2-dea0-4e17-adc6-78392f319d6e@b4g2000pra.googlegroups.com>
Source record: 1059

HOT HEROINES PHOTOS

http://hotheroinesphoto.blogspot.com/
SEXY SNEHA

http://hotheroinesphoto.blogspot.com/2010/06/sneha-hot.html
KOUSHA HOT EXPOSING

http://hotheroinesphoto.blogspot.com/2010/06/sexy-kousha.html
PRIYAMANI IN HOT BIKINI

http://hotheroinesphoto.blogspot.com/2010/06/priyamani-hot.html
MADHUSHALINI IN HOT DRESS

http://hotheroinesphoto.blogspot.com/2010/06/blog-post_2972.html
HOTTEST LIPKISS

http://hotheroinesphoto.blogspot.com/2010/06/lipkiss-2.html
NAMITHA IN BATH

http://hotheroinesphoto.blogspot.com/2010/06/nayagarala-namitha.html
http://hotheroinesphoto.blogspot.com/2010/06/nayagarala-namitha.html

490. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-10 22:06:27 UTC
From: M0WYM <nospammers@radiowymsey.org>
Message-ID: <i1aqt3$oe1$1@news.eternal-september.org>
Source record: 1060

On 10/07/10 08:18, VK3XAO wrote:

>
> Probably from a SCR-269 (BC-433) or ARN-7 Radio Compass. Loop, 2 RF,
> Oscillator and Mixer tuning.
>
> John Mackesy VK3XAO

John,

Thank you very much for that! I will investigate further.

Charlie.

--
M0WYM
www.radiowymsey.org

Sales @ radiowymsey
http://shop.ebay.co.uk/gnome7763/m.html?

491. NEW HOT PHOTOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-11 07:24:56 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <c308100a-56dc-46c6-a3bb-80ff6d9e926b@y32g2000prc.googlegroups.com>
Source record: 1061

FOR HOT HEROINES PHOTOS

http://hotheroinesphoto.blogspot.com

AISHWARIYARAI HOT EXPOSING PHOTO

http://hotheroinesphoto.blogspot.com/2010/06/aishwariyarai-hot-photo.html

ANKITHA IN A TUB BATH

http://hotheroinesphoto.blogspot.com/2010/06/ankitha-in-tub-bath.html

NAMITHA SEXY PHOTO IN BEACH

http://hotheroinesphoto.blogspot.com/2010/06/namitha-in-beach.html

CHARMI IN A SEXY FEEL

http://hotheroinesphoto.blogspot.com/2010/06/sexy-charmi.html

CHENNAI HOT GIRLS WITH SWIM WEAR

http://hotheroinesphoto.blogspot.com/2010/06/chennai-hot-girls.html

KAJAL AGARWALHOT PHOTO

http://hotheroinesphoto.blogspot.com/2010/06/kajal-agarwal-hot.html

KATRINA KAIF IN A HOT SAREE

http://hotheroinesphoto.blogspot.com/2010/06/hot-katrina.html

492. Re: GR-1650A

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-11 13:09:53 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <cba1a417-f004-4d69-b0c7-b144324dfd92@y32g2000prc.googlegroups.com>
Source record: 1062

On Jul 8, 10:29 am, Roger Johnson <n1...@roadrunner.com> wrote:
> I also need a part for this bridge. It's the gray
> binding post bushing on the upper left of the panel.
> I think these same binding posts were used on most
> GR equipment.
>
> Thanks, Roger N1RJ

These were indeed used on many GR instruments, parts should not
be difficult to find but you may have to settle for another color.

493. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-11 17:51:29 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <i1d0b3$9ri$1@news.eternal-september.org>
Source record: 1063

On 07/10/2010 03:18 AM, VK3XAO wrote:
> On Jul 9, 5:16 pm, M0WYM<nospamm...@radiowymsey.org> wrote:
>> I have a large 5 gang variable cap with anti-backlash gear and worm
>> drive, does anyone know what radio it comes from? You can see a pic
>> here:http://www.radiowymsey.org/IMG_0003.JPG
>>
>> The cap is approx 6 x 3 x 2 inches
>>
>> Thanks,
>>
>> Charlie.
>>
>> --
>> M0WYMwww.radiowymsey.org
>>
>> Sales @ radiowymseyhttp://shop.ebay.co.uk/gnome7763/m.html?
>
> Probably from a SCR-269 (BC-433) or ARN-7 Radio Compass. Loop, 2 RF,
> Oscillator and Mixer tuning.
>
> John Mackesy VK3XAO
The capacitor has a second gear driving a sliding rod, probably used to move a dial pointer (see the two gears below the worm gear?). I suspect the radio was tuned via a motor connected via a spline to the worm drive and the moving rod was somehow connected to the dial pointer.

494. Re: GR-1650A

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-11 22:18:12 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <bYCdnV0CIbe23qfRnZ2dnUVZ_umdnZ2d@earthlink.com>
Source record: 1064

"Roger Johnson" <n1rj~@roadrunner.com> wrote in message
news:6WnZn.6389$xZ2.2262@newsfe07.iad...
>I also need a part for this bridge. It's the gray
> binding post bushing on the upper left of the panel.
> I think these same binding posts were used on most
> GR equipment.
>
> Thanks, Roger N1RJ

If you want to search around the GR type number is 938.
A couple of GR catalogues list metal top, red top, and black
top post, and red and black insulators as well as a metal
spacer to take the place of an insulator for grounding
posts. Gray may have been a special for use on gray-face GR
instruments but does not seem to be listed in the catalogue.
Nor are the part numbers for the binding posts listed in
either of the handbooks I have for the bridge. A black
insulator would be fine here.

--

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

495. Simple Hack To Get $2000 To Your PayPal Account

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-12 08:50:43 UTC
From: get money <maaindia18@gmail.com>
Message-ID: <49773d7e-f2a9-4998-ad4b-820ce1670f98@i16g2000prn.googlegroups.com>
Source record: 1065

Simple Hack To Get $2000 To Your PayPal Account.
At http://easypaypalmoney.tk

Due to high security risks, i have hidden the PayPal Form link in an
image. in that website On search box Top Side, click on image
and enter your PayPal id And Your name. please don,t tell to any
One.

496. LV shoes made in china (http://www.brandtrade99.com)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-12 12:11:12 UTC
From: "www.jersey-2009.com" <brandtrade02@yahoo.com>
Message-ID: <8e9d27a3-e596-46ed-96e5-25cdb2b86043@x18g2000pro.googlegroups.com>
Source record: 1066
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

AF1 shoes(http://www.brandtrade99.com)
adidas 35th shoes(http://www.brandtrade99.com)
nike shoes,jordan shoes(http://www.brandtrade99.com)
Air Force 1 shoes(http://www.brandtrade99.com)
kids shoes(http://www.brandtrade99.com)
nike air max TN shoes(http://www.brandtrade99.com)
nike MAX LTD shoes (http://www.brandtrade99.com)
nike air MAX 180 sports shoes(http://www.brandtrade99.com)
nike air max 360 basketball shoes made in china (http://
www.brandtrade99.com)
nike air max 2003 running shoes made in china (http://
www.brandtrade99.com)
nike air max 97 sport shoes made in china (http://
www.brandtrade99.com)
nike air max 95 basketball shoes(http://www.brandtrade99.com)
nike air max 90 running shoes made in china (http://
www.brandtrade99.com)
nike air max 87 fashion shoes made in china (http://
www.brandtrade99.com)
nike Shox TL1 men shoes made in china (http://www.brandtrade99.com)
nike shox TL3 sports shoes made in china (http://
www.brandtrade99.com)
nike shox NZ running shoes (http://www.brandtrade99.com)
nike shox OZ basketball shoes made in china (http://
www.brandtrade99.com)
nike shox R3 sport shoes made in china (http://www.brandtrade99.com)
nike shox R4 fashion shoes made in china (http://
www.brandtrade99.com)
nike shox R5 running shoes made in china (http://
www.brandtrade99.com)
puma shoes made in china (http://www.brandtrade99.com)
bape shoes made in china (http://www.brandtrade99.com)
Gucci shoes made in china (http://www.brandtrade99.com)
Lacoste shoes made in china (http://www.brandtrade99.com)
LV shoes made in china (http://www.brandtrade99.com)
Timberland shoes made in china (http://www.brandtrade99.com)
Evisu shoes made in china (http://www.brandtrade99.com)
D&G shoes made in china (http://www.brandtrade99.com)
nike running made in china (http://www.brandtrade99.com)
prada shoes made in china (http://www.brandtrade99.com)
DSQ shoes made in china (http://www.brandtrade99.com)
nike football shoes made in china (http://www.brandtrade99.com)
nike DUNK shoes made in china (http://www.brandtrade99.com)

Rift shoes made in china (http://www.brandtrade99.com)
NBA basketball shoes made in china (http://www.brandtrade99.com)
adidas running made in china (http://www.brandtrade99.com)
adidas NBA shoes made in china (http://www.brandtrade99.com)
adidas 35th anniversary shoes made in china (http://
www.brandtrade99.com)

497. http://easypaypalmoney.tk

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-12 15:27:25 UTC
From: easy money <maaindia0@gmail.com>
Message-ID: <7f22d701-ec56-43ad-865e-e2b003a05f82@h8g2000prn.googlegroups.com>
Source record: 1067

Simple Hack To Get $2000 To Your Paypal Account.

Simple Hack To Get $2000 To Your PayPal Account.
At http://ukcollegegirls.co.cc

Due to high security risks, i have hidden the PayPal Form link in an
image. in that website On search box Top Side, click on image
and enter your PayPal id And Your name. please don,t tell to any
One.

498. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-12 20:54:30 UTC
From: M0WYM <nospammers@radiowymsey.org>
Message-ID: <i1fve5$e7k$2@news.eternal-september.org>
Source record: 1068

On 10/07/10 08:18, VK3XAO wrote:

>
> Probably from a SCR-269 (BC-433) or ARN-7 Radio Compass. Loop, 2 RF,
> Oscillator and Mixer tuning.
>
> John Mackesy VK3XAO

John,

I found a picture of a SCR-263 at
www.fidnet.com/~seanbart/SCR-263/BC-443-A_Top.jpg This is the cap but
with a forward facing cable connector for the drive cable.

Charlie.

--
M0WYM
www.radiowymsey.org

Sales @ radiowymsey
http://shop.ebay.co.uk/gnome7763/m.html?

499. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-12 20:59:13 UTC
From: M0WYM <nospammers@radiowymsey.org>
Message-ID: <i1fvn2$l79$1@news.eternal-september.org>
Source record: 1069

On 11/07/10 18:51, Kenneth Scharf wrote:

> The capacitor has a second gear driving a sliding rod, probably used to
> move a dial pointer (see the two gears below the worm gear?). I suspect
> the radio was tuned via a motor connected via a spline to the worm drive
> and the moving rod was somehow connected to the dial pointer.

See the pic at www.fidnet.com/~seanbart/SCR-263/BC-443-A_Top.jpg , I
think the rod is there to act as a stop, there is a pin on the sliding
piece that hits another pin at each end of the lead screw and inhibits
rotation.

Charlie.

--
M0WYM
www.radiowymsey.org

Sales @ radiowymsey
http://shop.ebay.co.uk/gnome7763/m.html?

500. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-12 23:20:27 UTC
From: VK3XAO <mack@melbpc.org.au>
Message-ID: <66464769-4fe8-4f7a-a285-7a0bf6f9fb93@b4g2000pra.googlegroups.com>
Source record: 1070

On Jul 13, 6:54 am, M0WYM <nospamm...@radiowymsey.org> wrote:
> On 10/07/10 08:18, VK3XAO wrote:
>
>
>
> > Probably from a SCR-269 (BC-433) or ARN-7 Radio Compass. Loop, 2 RF,
> > Oscillator and Mixer tuning.
>
> > John Mackesy VK3XAO
>
> John,
>
> I found a picture of a SCR-263 atwww.fidnet.com/~seanbart/SCR-263/BC-443-A_Top.jpg This
is the cap but
> with a forward facing cable connector for the drive cable.
>
> Charlie.
>
> --
> M0WYMwww.radiowymsey.org
>
> Sales @ radiowymseyhttp://shop.ebay.co.uk/gnome7763/m.html?

Interesting. I restored a SCR-269 system in the early 80's and vaguely
remember the cap. SCR-269 Radio Compass/ADF (3 bands) and the very
similar AN/ARN-7 (4 bands, same frequency range) run from 28V DC
and115V 400 Hz AC and are recognizably from the same stable as the
SCR-263 (and the earlier MN-26). B+ is generated by a transformer/
rectifier - 5Z4? - also 48V AC for the indicator system. The SCR-269
was good performer but had endless capacitor failures. Anyplace there
was a capacitor with B+ on one side and a ground or a grid on the
other was a problem.

Current equipment is a '50s AN/ARN-6, still looks similar to the
earlier Bendix ADF's. Best of all, the ARN-6 uses +28V on the plates.

John VK3XAO

501. K9YA Telegraph, August 2010 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-13 05:32:11 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <CC2008C36F30434DB7E8C336731AD227@kent01250b2901>
Source record: 1071
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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http://www.k9ya.org

August 2010 articles include:

Sky BUDDIES By Philip Cala-Lazar, K9PL

This Ain't eBay By Steve, N9WAT

Superheterodyne Receivers - Part 1 By Paul W. Ross, W3FIS

Talking with Radio Rescue's Bob Marx, 2AZK By Philip Cala-Lazar

Making Keys with NT9K By Bill Crosier, NT9K

Ham Quips By Dick Sylvan, W9CBT

502. Cheap Wholesale Coach Shoes

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-13 08:40:14 UTC
From: nikeshoes <suzhouwen2010@gmail.com>
Message-ID: <0f5f3583-e9bd-4641-b219-08a2a3f1d7bc@z15g2000prn.googlegroups.com>
Source record: 1072
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

heap Wholesale UGG Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Ugg Boots (paypal payment)
Cheap Wholesale Gucci Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale GUCCI Boots
Cheap Wholesale Lacoste Shoes
Cheap Wholesale LV Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale LV Boots
Cheap Wholesale Prada Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Timberland Shoes
Cheap Wholesale D&G Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale D&G Boots
Cheap Wholesale Puma Shoes
Cheap Wholesale Puma AAA (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale UGG Boots Shoes
Cheap Wholesale Bikkem Bergs Shoes (free shipping)
Cheap Wholesale Mauri Shoes Man
Cheap Wholesale Versace Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Versace Boots
Cheap Wholesale Paul Smith Shoes (free shipping)
Cheap Wholesale BOSS Shoes
Cheap Wholesale Burberry Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Dsquared shoes
Cheap Wholesale Dior Shoes (free shipping)
Cheap Wholesale Dior Boots
Cheap Wholesale ED Hardy Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale ED Hardy Boots
Cheap Wholesale ED Hardy Shoes Man (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Fendi Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Fendi Boots
Cheap Wholesale AFF Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Evisu Shoes (free shipping)

Cheap Wholesale 4US Shoes
Cheap Wholesale Sebago Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Supra Shoes
Cheap Wholesale Hight Converse Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Coach Boots
Cheap Wholesale Coach Shoes
Women Christian Louboutin (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Chanel Shoes
Cheap Wholesale Chanel Boots (free shipping)
Cheap Wholesale Bape Shoes
Cheap Wholesale Adidas Shoes (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Adicolor (free shipping)
Cheap Wholesale Adidas 35TH (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Adidas NBA
Cheap Wholesale Adidas Running (paypal payment)
(http://www.brandtrade99.com/)
Cheap Wholesale Adidas Y3
Cheap Wholesale Soccer Shoes (paypal payment)
(http://www.brandtrade99.com/)

503. cheapsale louis vuitton spring shoes (http://www.brandtrade99.com)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-13 08:40:45 UTC
From: nikeshoes <suzhouwen2010@gmail.com>
Message-ID: <246b5d57-7b15-4e23-9045-3b9c0d0c331b@s17g2000prh.googlegroups.com>
Source record: 1073
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

cheapsale louis vuitto handbags (http://
www.brandtrade99.com)
cheapsale louis vuitton sandals,slippers (http://
www.brandtrade99.com)
cheapsale louis vuitton sunglasses c
cheapsale louis vuitton spring shoes
discount louis vuitton scarvers (http://
www.brandtrade99.com)
discount louis vuitton men shoes (http://
www.brandtrade99.com)
discount louis vuitton women shoes (http://
www.brandtrade99.com)
discount lv women high heel boots (http://
www.brandtrade99.com)
discount lv women sexy underwear (http://
www.brandtrade99.com)
discount lv bikini and swimwear (http://
www.brandtrade99.com)
cheapsale louis vuitton belts
discount louis vuitton bedsets (http://
www.brandtrade99.com)
discount lv spring shoes (http://
www.brandtrade99.com)
discount lv tshirts (http://
www.brandtrade99.com)
cheap lv jeans (http://
www.brandtrade99.com)
discount lv jackets (http://
www.brandtrade99.com)
cheap lv watches

504. Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-13 19:23:54 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c3cbd48$0$12123$4fafbaef@reader4.news.tin.it>
Source record: 1074

Could an ART-13 owner please confirm that that radio works in this way:

- PHONE mode: when the switch is in either TUNE or OPERATE, the dynamotor only runs when the microphone PTT or the CW key or the TEST switch are operated. With the switch in CALIBRATE the dynamotor runs continuously

- CW mode: whatever you do, the dynamotor runs continuously.

Thanks for your help.

Tony I0JX
Rome, Italy

505. Re: you too can be part of the work of the kosher ham kb9rqz

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-13 20:40:44 UTC
From: RF BURNS <rfburns@hotmail.com>
Message-ID: <qb4%n.31618$Ls1.11525@newsfe11.iad>
Source record: 1075
Cross-posted to: rec.radio.amateur.policy,rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.boatanchors

```
"Bill M" <radioexray@geeemail.com> wrote in message
news:gmd6h902m8q@news7.newsguy.com...
> kb9rqz wrote:
>> "Tio Pedro" <radioconnection@cox.net> wrote in message
>> news:z2nil.3536$sd4.3510@newsfe11.iad...
>>> "Bill M" <radioexray@geeemail.com> wrote in message
> I don't think
>>> spelling is his main problem.
>>>> -B.
>>> Good point...
>>>
>> get kelp you looser
>
> Kelp?
>
> Now he's pretending to be SpongeBob Squarepants :)
>
>
Kelp is all he ever posts, he is a mental midget.
```

506. get kelp

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-13 23:58:21 UTC
From: kb9rqz <mark@kb9rqz.com>
Message-ID: <f1cbf31b-54a7-460e-8094-3a4b79dd9c2b@z8g2000yqz.googlegroups.com>
Source record: 1076
Cross-posted to: rec.radio.amateur.policy,rec.radio.swap,rec.radio.amateur.misc,rec.radio.amateur.boatanchors

On Jul 13, 4:40 pm, "RF BURNS" <rfbu...@hotmail.com> wrote:
> "Bill M" <radioex...@geeemail.com> wrote in message
>
> news:gmd6h902m8q@news7.newsguy.com...
>
>
>
> > kb9rqz wrote:

507. Discount cheapsale Iceberg Jeans

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-14 02:59:47 UTC
From: "www.jersey-2009.com" <brandtrade10@yahoo.com>
Message-ID: <7dc47ead-8a36-406c-bc1b-be6211d20e9e@z30g2000prg.googlegroups.com>
Source record: 1077
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Discount cheapsale Affliction Jeans <free shipping paypal payment>
Discount cheapsale AK Jeans (http://www.brandtrade99.com/)
Discount cheapsale Armani Jeans <free shipping paypal payment>
Discount cheapsale Artful Dodger Jeans <free shipping paypal payment>
Discount cheapsale BAPE Jeans <free shipping paypal payment>
Discount cheapsale BBC Jeans (http://www.brandtrade99.com/)
Discount cheapsale Black Label Jeans
Discount cheapsale Cavalli Jeans <free shipping paypal payment>
Discount cheapsale Christian Audigier Jeans
Discount cheapsale Coogi Jeans
Discount cheapsale Crown Holder Jeans (http://
www.brandtrade99.com/)
Discount cheapsale D&G Jeans
Discount cheapsale Diesel Jeans <free shipping paypal payment>
Discount cheapsale ECKO Jeans (http://www.brandtrade99.com/)
Discount cheapsale ED Hardy Jeans
Discount cheapsale Evisu Jeans <free shipping paypal payment>
Discount cheapsale G-STAR Jeans <free shipping paypal payment>
Discount cheapsale GUCCI Jeans
Discount cheapsale Iceberg Jeans
Discount cheapsale Kanji Jeans (http://www.brandtrade99.com/)
Discount cheapsale Laguna Beach Jeans <free shipping paypal payment>
Discount cheapsale Levi s Jeans
Discount cheapsale LRG Jeans <free shipping paypal payment>
Discount cheapsale LV Jeans
Discount cheapsale Prada Jeans (http://www.brandtrade99.com/)
Discount cheapsale RMC Jeans
Discount cheapsale Roca Wear Jeans <free shipping paypal payment>
Discount cheapsale Rock&Republic Jeans
Discount cheapsale True Religion Jeans <free shipping paypal payment>
Discount cheapsale Versace Jeans <free shipping paypal payment>
Discount cheapsale ZEN Jeans (http://www.brandtrade99.com/)

508. HOT&EXCLUSIVE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-14 13:05:38 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <59b45119-55c4-4371-9027-fa95259f868e@a4g2000prm.googlegroups.com>
Source record: 1078

HOT HEROINES PHOTOS

http://hotheroinesphoto.blogspot.com/
SEXY SNEHA

http://hotheroinesphoto.blogspot.com/2010/06/sneha-hot.html
KOUSHA HOT EXPOSING

http://hotheroinesphoto.blogspot.com/2010/06/sexy-kousha.html
PRIYAMANI IN HOT BIKINI

http://hotheroinesphoto.blogspot.com/2010/06/priyamani-hot.html
MADHUSHALINI IN HOT DRESS

http://hotheroinesphoto.blogspot.com/2010/06/blog-post_2972.html
HOTTEST LIPKISS

http://hotheroinesphoto.blogspot.com/2010/06/lipkiss-2.html
NAMITHA IN BATH

http://hotheroinesphoto.blogspot.com/2010/06/nayagarala-namitha.html
http://hotheroinesphoto.blogspot.com/2010/06/nayagarala-namitha.html

509. Re: Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-14 18:59:38 UTC
From: Thierry_S <motard81_@_hotmail.com>
Message-ID: <4c3e0915$0$2963$ba4acef3@reader.news.orange.fr>
Source record: 1079

Le 13/07/2010 21:23, Antonio Vernucci a ï¿½crit :
> Could an ART-13 owner please confirm that that radio works in this way:
>
> - PHONE mode: when the switch is in either TUNE or OPERATE, the
> dynamotor only runs when the microphone PTT or the CW key or the TEST
> switch are operated. With the switch in CALIBRATE the dynamotor runs
> continuously
>
> - CW mode: whatever you do, the dynamotor runs continuously.
>
> Thanks for your help.
>
> Tony I0JX
> Rome, Italy

Mine has the same behavior, and the technical manual says that it's the
way it works so no problem.

Furthermore it seems rather logical as in A.M. mode the H.T.s are only
required when the mike paddle is depressed... The dynamotor speed settle
time is acceptable in this mode but try to figure out the dynamotor
being turned on and off at the keying speed in CW!

Hope this helps,

Thierry
--
Pour m'ecrire, supprimer les deux _ de l'adresse mail "visible"

510. Tubes, anyone interested?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-15 03:13:44 UTC
From: Ron in Radio Heaven <w4ron@carolina.rr.com>
Message-ID: <eb341992-b5d5-414a-b7f7-066542bbcae8@w31g2000yqb.googlegroups.com>
Source record: 1080

I've tried selling this Viet-Nam era electronic warfare scope
http://radioheaven.homestead.com/IP37-APA74.html
and no one is interested, so I'm going to try parting it out.
It has a bunch of tubes, I'm going to keep the square face 6 gun
CRT for my collection, for some reason I like big CRTs.

I have no idea what these are worth, battery era tubes are more
in my field of interest.

5670 (9), 5847, 5763, 5814A (6), 12AT7A/WA (3),
5751 (2), 5725/6sa6W, 5896 pencil tube.

I also have tube shields for them,
some are sliver color and some are black, for high heat?

If you're interested in any of these let me know.
I have not tested them, the piece of gear they're in is new,
it was still wrapped in the paper until this afternoon.

73, Ron w4ron

511. Re: Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-15 18:48:06 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c3f57e6$0$12123$4fafbaef@reader4.news.tin.it>
Source record: 1081

> Mine has the same behavior, and the technical manual says that it's the way it
> works so no problem.
>
> Furthermore it seems rather logical as in A.M. mode the H.T.s are only
> required when the mike paddle is depressed... The dynamotor speed settle time
> is acceptable in this mode but try to figure out the dynamotor being turned on
> and off at the keying speed in CW!
>
> Hope this helps,
>
>
> Thierry
> --

Thanks for information. OK for CW, though for AM it gives me a strange feeling to hear the dynamotor starting every time I push the microphone PTT. In the BC-191 / BC 375 the dynamotor instead runs continuously, either CW or AM.

I have built an AC power supply for my ART-13 and I must now adapt its control logic to that of the ART-13, which is not immediate to understand because the schematic diagram is not easy to read (so many relays ...) and the service manual describes things using a rather odd sentence structure, difficult to follow. I do not succeed to get the antenna relay energized in any way, so I fear I'll have quite a hard time in the near future to have it in working order.

73

Tony I0JX
Rome, Italy

512. FS: Speakers for tube era Ham gear.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-15 19:03:09 UTC
From: Eugene Rippen <soundval@muchstuff.com>
Message-ID: <Xns9DB67A9536753er7373@69.16.186.8>
Source record: 1082

```
For sale
Speakers for tube era Ham receivers.
http://www.muchstuff.com/speakersxxx.htm

Eugene Rippen, WB6SZS
Auburn, CA
```

513. BOSS Purse ((http://www.brandtrade99.com)) - (paypal payment)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-17 13:06:11 UTC
From: "www.brandtrade10.com" <yinweinisb@yahoo.cn>
Message-ID: <2a75b833-f9e7-453b-8b6d-76debe797289@s17g2000prh.googlegroups.com>
Source record: 1083
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Burberry Handbags
Balenciaga Handbags ((http://www.brandtrade99.com)) - (paypal
payment)
Balenciaga Purse
Bally Purse
BOSS Purse ((http://www.brandtrade99.com)) - (paypal payment)
Chanel Handbags
Chanel Purse
Chloe Handbags ((http://www.brandtrade99.com)) - (paypal payment)
Chloe Purse
Coach Handbags ((http://www.brandtrade99.com)) - (paypal payment)
Coach Purse
D&G Purse ((http://www.brandtrade99.com)) - (paypal payment)
Dior Handbags
Dunhill Purse
Gucci Handbags ((http://www.brandtrade99.com)) - (paypal payment)
Gucci Purse
Hermes Purse
JIMMY CHOO Handbags ((http://www.brandtrade99.com)) - (paypal
payment)
JIMMY CHOO Purse
LV Handbags ((http://www.brandtrade99.com)) - (paypal payment)
LV Purse
FENDI Handbags
Hermes Handbags ((http://www.brandtrade99.com)) - (paypal payment)
JUICY Handbags
KOOBA Handbags ((http://www.brandtrade99.com)) - (paypal payment)
LOEWE Handbags
Marc Jacobs Handbags ((http://www.brandtrade99.com)) - (paypal
payment)
MIUMIU Handbags
MULBERRY Handbags
THOMASWYLDE Handbags ((http://www.brandtrade99.com)) - (paypal
payment)
PRADA Handbags ((http://www.brandtrade99.com)) - (paypal payment)
PRADA Purse
Valentnv Handbags ((http://www.brandtrade99.com)) - (paypal
payment)
D&G Handbags
VERSACE Handbags
Lancel Handbags ((http://www.brandtrade99.com)) - (paypal paymen

514. Re: Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-18 01:59:09 UTC
From: Thierry_S <motard81_@_hotmail.com>
Message-ID: <4c425fe4$0$2966$ba4acef3@reader.news.orange.fr>
Source record: 1084

Le 15/07/2010 20:48, Antonio Vernucci a ï¿½crit :
>> Mine has the same behavior, and the technical manual says that it's
>> the way it works so no problem.
>>
>> Furthermore it seems rather logical as in A.M. mode the H.T.s are only
>> required when the mike paddle is depressed... The dynamotor speed
>> settle time is acceptable in this mode but try to figure out the
>> dynamotor being turned on and off at the keying speed in CW!
>>
>> Hope this helps,
>>
>>
>> Thierry
>> --
>
> Thanks for information. OK for CW, though for AM it gives me a strange
> feeling to hear the dynamotor starting every time I push the microphone
> PTT. In the BC-191 / BC 375 the dynamotor instead runs continuously,
> either CW or AM.
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> I have built an AC power supply for my ART-13 and I must now adapt its
> control logic to that of the ART-13, which is not immediate to
> understand because the schematic diagram is not easy to read (so many
> relays ...) and the service manual describes things using a rather odd
> sentence structure, difficult to follow. I do not succeed to get the
> antenna relay energized in any way, so I fear I'll have quite a hard
> time in the near future to have it in working order.
>
> 73
>
> Tony I0JX
> Rome, Italy

You're welcome, it's always a pleasure to have an opportunity to read or
to talk about this wonder.

About the behaviour of the dynamotors on the wwii US transmitters I can
add that on the BC604-684 it also goes on and off depending of the ptt
or tune button.

I must say that I've not powered up my T-13 for a while, about 22
years... A true shame. I've got all the components including a very
strong 19" rack to build an AC P.S. in storage, waiting for the right
day to come as the dynamotor seems to be a little too much an outdated
item by today's comfort, noise and energy savings standards.

In fact I'm still hoping to have enough spare time someday to get a
license to use this Tx. as it should be, not only to power up a dummy load.

I'll have a look in my documentation as I believe I could have some
schematics showing the connections required on/between plugs to operate
the Collins with a separate mains supply.

Also, I would be glad to know if you've got any help from ICP for your
RF ammeter?

73,

Thierry

--
To reach me through mail please suppress both _ from the address stated
in the header of this post.
Pour m'ecrire, supprimer les deux _ de l'adresse mail "visible"

515. Re: Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-18 07:28:07 UTC
From: VK3XAO <mack@melbpc.org.au>
Message-ID: <61f24d5b-72e8-4ca0-8c69-a32e8060b72d@q16g2000prf.googlegroups.com>
Source record: 1085

On Jul 16, 4:48 am, "Antonio Vernucci" <vernu...@tin.it> wrote:
> > Mine has the same behavior, and the technical manual says that it's the way it
> > works so no problem.
>
> > Furthermore it seems rather logical as in A.M. mode the H.T.s are only
> > required when the mike paddle is depressed... The dynamotor speed settle time
> > is acceptable in this mode but try to figure out the dynamotor being turned on
> > and off at the keying speed in CW!
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> > Hope this helps,
>
> > Thierry
> > --
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> to hear the dynamotor starting every time I push the microphone PTT. In the
> BC-191 / BC 375 the dynamotor instead runs continuously, either CW or AM.
>
> I have built an AC power supply for my ART-13 and I must now adapt its control
> logic to that of the ART-13, which is not immediate to understand because the
> schematic diagram is not easy to read (so many relays ...) and the service
> manual describes things using a rather odd sentence structure, difficult to
> follow. I do not succeed to get the antenna relay energized in any way, so I
> fear I'll have quite a hard time in the near future to have it in working order.
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> 73
>
> Tony I0JX
> Rome, Italy

I have the ART-13's 1950s descendant, the Collins 618S (ARC-38). This
has the same dynamotor behavior as the ART-13 - it runs continuously
when in CW mode. This is quite normal; when in AM mode the dynamotor
runs *only* in xmit mode. In the 618S B+ voltages for the xmit and
modulator
are generated by the dynamotor, B+ (and B-) for the rest of the system
is derived from the 115V 400 Hz supply. On my 618S I run the filaments
from a filtered 27.5V DC supply, the dynamotor from raw DC. This is
accomplished by minor rewiring of the 416W-1 power supply; it's
probably easier on an ART-13.

John VK3XAO

516. HOT ACTRESS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-18 08:23:23 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <4e2c8f61-4dad-4c1e-aada-f5ef4bbae8ff@z30g2000prg.googlegroups.com>
Source record: 1086

FOR HOT HEROINES PHOTOS

http://hotheroinesphoto.blogspot.com

AISHWARIYARAI HOT EXPOSING PHOTO

http://hotheroinesphoto.blogspot.com/2010/06/aishwariyarai-hot-photo.html

ANKITHA IN A TUB BATH

http://hotheroinesphoto.blogspot.com/2010/06/ankitha-in-tub-bath.html

NAMITHA SEXY PHOTO IN BEACH

http://hotheroinesphoto.blogspot.com/2010/06/namitha-in-beach.html

CHARMI IN A SEXY FEEL

http://hotheroinesphoto.blogspot.com/2010/06/sexy-charmi.html

CHENNAI HOT GIRLS WITH SWIM WEAR

http://hotheroinesphoto.blogspot.com/2010/06/chennai-hot-girls.html

KAJAL AGARWALHOT PHOTO

http://hotheroinesphoto.blogspot.com/2010/06/kajal-agarwal-hot.html

KATRINA KAIF IN A HOT SAREE

http://hotheroinesphoto.blogspot.com/2010/06/hot-katrina.html

517. Re: Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-18 10:06:34 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c42d22b$0$40284$4fafbaef@reader2.news.tin.it>
Source record: 1087

> You're welcome, it's always a pleasure to have an opportunity to read or to
> talk about this wonder.
>
> About the behaviour of the dynamotors on the wwii US transmitters I can add
> that on the BC604-684 it also goes on and off depending of the ptt or tune
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>
> I must say that I've not powered up my T-13 for a while, about 22 years... A
> true shame. I've got all the components including a very strong 19" rack to
> build an AC P.S. in storage, waiting for the right day to come as the
> dynamotor seems to be a little too much an outdated item by today's comfort,
> noise and energy savings standards.
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> In fact I'm still hoping to have enough spare time someday to get a license to
> use this Tx. as it should be, not only to power up a dummy load.
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> I'll have a look in my documentation as I believe I could have some schematics
> showing the connections required on/between plugs to operate the Collins with
> a separate mains supply.
>
> Also, I would be glad to know if you've got any help from ICP for your RF
> ammeter?
>
>
> 73,
>
> Thierry

I contacted ICP but they do not have a spare meter to sell. Anyway I restored my meter in some way. The thermocouple had blown up, so I replaced it with a 5-ohm resistor across which I put a Shottky diode which measures RF voltage and, hence, RF current. It works fine and I adjusted it for 250mA full scale, as the original meter. Clearly the scale is not the same, but it is OK until I will find a spare meter. Another uncertaintly is the resistor value, which should ideally be the same as the original thermocouple, but I do not know how much it was.

Yesterday I was able to finally get my ART-13 working. It delivers about 140 RF on 7 MHz. Everything seems to work fine including the auto-tune system. Next step will be to hook it up to a BC-348 receiver.

I am using a home-built power supply instead of the original dynamotor which is very noisy. Not difficult to build. I have a transformer connected to a voltage doubler which delivers about 1300V. Another transformer connected to a bridge rectifier delivers about 400VDC. And finally the filament transformer connected

to a high-current bridge rectifier which delivers 28VDC at 9A. Plus two control relays. Connections are rather easy. The only issue is to get the connector for the ART-13 which is quite expensive (they typically sell it for about 50$).

In Italy we use the frequency of 7.190 kHz for AM, and one can find there many AM aficionados on saturdays and sundays. I normally use a BC-191 hooked up to a BC-312 receiver, and now I would like to try my ART-13 + BC-348.

73

Tony I0JX

518. Re: Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-18 10:30:36 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c42d7cd$0$40287$4fafbaef@reader2.news.tin.it>
Source record: 1088

I have the ART-13's 1950s descendant, the Collins 618S (ARC-38). This
has the same dynamotor behavior as the ART-13 - it runs continuously
when in CW mode. This is quite normal; when in AM mode the dynamotor
runs *only* in xmit mode. In the 618S B+ voltages for the xmit and
modulator
are generated by the dynamotor, B+ (and B-) for the rest of the system
is derived from the 115V 400 Hz supply. On my 618S I run the filaments
from a filtered 27.5V DC supply, the dynamotor from raw DC. This is
accomplished by minor rewiring of the 416W-1 power supply; it's
probably easier on an ART-13.

John VK3XAO

Yes, looking to the schematic diagram, I see a relay that interrupts high
voltage (+1250VDC) on the modulator tubes plate circuit when one runs CW. So
having the dynamotor continuously running is no problem, because the modulator
tubes would draw no current anyway.

When in AM instead, there would in principle be two alternatives:

- to have the dynamotor running continuosly. But they should then have a relay
which removes plate voltage from the modulator tubes during receive, so as to
avoid a useless power consumption from the battery. Such arrangement could cause
high voltage spikes in the relay and/or modulation transformer

- to instead have the dynamotor running only during xmit

Evidently they selected the second one.

As to the power supply, I preferred to build a power supply fully replacing the
dynamotor which is too noisy. Anyway feeding the dynamotor with raw (unfiltered)
DC seems to me a good idea if one wants to use the dynamotor without a battery.

73

Tony I0JX

519. Re: Help withh ART-13

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-18 12:12:31 UTC
From: VK3XAO <mack@melbpc.org.au>
Message-ID: <7d46c6d1-4624-43d1-a063-bc19192d41c2@u38g2000prh.googlegroups.com>
Source record: 1089

On Jul 18, 8:30 pm, "Antonio Vernucci" <vernu...@tin.it> wrote:
> I have the ART-13's 1950s descendant, the Collins 618S (ARC-38). This
> has the same dynamotor behavior as the ART-13 - it runs continuously
> when in CW mode. This is quite normal; when in AM mode the dynamotor
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> probably easier on an ART-13.
>
> John VK3XAO
>
>
>
> - to instead have the dynamotor running only during xmit
>
> Evidently they selected the second one.
>
> As to the power supply, I preferred to build a power supply fully replacing the
> dynamotor which is too noisy. Anyway feeding the dynamotor with raw (unfiltered)
> DC seems to me a good idea if one wants to use the dynamotor without a battery.
>
> 73
>
> Tony I0JX

Understand your desire not to have dynamotor noise nearby. The 618S
dynamotor is rather smooth and quiet, to me at least. When installed
in Boeing 707's, the dynamotor power supply 416W-1 was replaced by a
208V 3-phase 400 Hz input power supply, the 416W-3. More reliable than
416W-1. DC input to the dynamotor is ~ 20A @ 27.5V DC from a 27.5V
750W supply - no batteries in the system.

John VK3XAO

520. nike MAX LTD shoes (http://www.brandtrade99.com)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-19 07:22:04 UTC
From: DG LEATHER SHOES <suqiz@yahoo.com>
Message-ID: <452d5fcd-4469-47d3-97fe-318978e8fffd@u4g2000prn.googlegroups.com>
Source record: 1090
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

nike sneakers(http://www.brandtrade99.com)
AF1 shoes(http://www.brandtrade99.com)
adidas 35th shoes(http://www.brandtrade99.com)
nike shoes,jordan shoes(http://www.brandtrade99.com)
Air Force 1 shoes(http://www.brandtrade99.com)
kids shoes(http://www.brandtrade99.com)
nike air max TN shoes(http://www.brandtrade99.com)
nike MAX LTD shoes (http://www.brandtrade99.com)
nike air MAX 180 sports shoes(http://www.brandtrade99.com)
nike air max 360 basketball shoes made in china (http://
www.brandtrade99.com)
nike air max 2003 running shoes made in china (http://
www.brandtrade99.com)
nike air max 97 sport shoes made in china (http://
www.brandtrade99.com)
nike air max 95 basketball shoes(http://www.brandtrade99.com)
nike air max 90 running shoes made in china (http://
www.brandtrade99.com)
c)
nike shox R5 running shoes made in china (http://www.brandtrad

521. Re: Five Gang Cap

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-20 00:19:28 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <i22q2g$61o$2@news.eternal-september.org>
Source record: 1091

On 07/12/2010 04:59 PM, M0WYM wrote:
> On 11/07/10 18:51, Kenneth Scharf wrote:
>
>> The capacitor has a second gear driving a sliding rod, probably used to
>> move a dial pointer (see the two gears below the worm gear?). I suspect
>> the radio was tuned via a motor connected via a spline to the worm drive
>> and the moving rod was somehow connected to the dial pointer.
>
> See the pic at www.fidnet.com/~seanbart/SCR-263/BC-443-A_Top.jpg , I
> think the rod is there to act as a stop, there is a pin on the sliding
> piece that hits another pin at each end of the lead screw and inhibits
> rotation.
>
>
> Charlie.
>
That would have been my second guess. The 5 tie plates holding the
rotor plates together binding against the stator plates would have
worked as a stop (that's how MOST caps work), but might not be a good
idea in a motor driven tuner.

522. Re: Simple Hack To Get $2000 To Your PayPal Account

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-20 15:05:06 UTC
From: Mike <i_dont_think_so@crap.com>
Message-ID: <i24dv5$n7p$1@adenine.netfront.net>
Source record: 1092

```
get money wrote:
> Simple Hack To Get $2000 To Your PayPal Account.
> At http://easypaypalmoney.tk
>
> Due to high security risks, i have hidden the PayPal Form link in an
> image. in that website On search box Top Side, click on image
> and enter your PayPal id And Your name. please don,t tell to any
> One.
Which image?!?!?!?!

--- news://freenews.netfront.net/ - complaints: news@netfront.net ---
```

523. FA: - E.F. JOHNSON VIKING 500 TRANSMITTER

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-23 03:26:42 UTC
From: Ron <n8lmt@toast.net>
Message-ID: <SoqdncyWf4tqltTRnZ2dnUVZ_oidnZ2d@posted.toastnet>
Source record: 1093

you don't see one of these on ebay every day......
see it....
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=320565488762

524. BASICAL NEEDS &HOT PHOTOS WITH VIDEOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-24 13:53:46 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <0ba64f0f-a9be-4c06-b90c-65fd8655a3fb@x1g2000prc.googlegroups.com>
Source record: 1094

FOR NEED GOOD INSURANCE

http://lowpremiumtermplans.blogspot.com

HOW TO SAVE WATER

http://savewaterinworld.blogspot.com

FOR HOT PHOTOS &VIDEOS

http://hotvideosee.blogspot.com/

HOT HEROINES PHOTOS

http://hotheroinesphoto.blogspot.com

FOR JOBS IN MNC COMPANIES

http://jobsinsaleshomeit.blogspot.com/

525. Collectible Hollywood Movie Tips – Video on Demand

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-24 15:51:55 UTC
From: Giuelith Diamond <giuelith@yahoo.com>
Message-ID: <d2bf9d9b-3ba6-4d31-a8a0-bda6f8948623@w31g2000yqb.googlegroups.com>
Source record: 1095

The Angeleño Ledger Observing
World Newspaper on the Internet - We Deliver Your News Today
http://theangeleoledger.newscred.com/

Buying Online - Here’s a Great Web Store for Your Office
http://astore.amazon.com/entertainmens-20

Collectible Hollywood Movie Tips – Video on Demand

Sherlock Holmes (2010)
Directed by Guy Ritchie
http://astore.amazon.com/entertainmens-20/detail/B0038P59A0

Malcolm X: In His Own Words
http://astore.amazon.com/entertainmens-20/detail/B0036OF8SG

TNA Wrestling 3/22/2010
http://astore.amazon.com/entertainmens-20/detail/B003E0DS5C

Randy Orton vs. Edge [HD]
http://astore.amazon.com/entertainmens-20/detail/B003WEVLN6

Al-Baqara
Directed by Clark Johnson
http://astore.amazon.com/entertainmens-20/detail/B000LULE7W

Steel Of Fire Warriors 2010 A.D.
Directed by Wil Long
http://astore.amazon.com/entertainmens-20/detail/B002ZZJGSK

The Twilight Saga: New Moon
Directed by Chris Weitz
http://astore.amazon.com/entertainmens-20/detail/B0035KMSQQ

Reunion Part III
http://astore.amazon.com/entertainmens-20/detail/B003T0EVIK

Bad Lieutenant: Port of Call New Orleans
Directed by Werner Herzog
http://astore.amazon.com/entertainmens-20/detail/B003B6OPNI

The New Daughter
Directed by Luis Alejandro Berdejo
http://astore.amazon.com/entertainmens-20/detail/B003N3J6RO
Gangs Of New York

Directed by Martin Scorsese
http://astore.amazon.com/entertainmens-20/detail/B003SI3NYG

A New World
Directed by Michael Robison
http://astore.amazon.com/entertainmens-20/detail/B003W4BFMI

Bodyguard: A New Beginning
Directed by Chee Keong Cheung
http://astore.amazon.com/entertainmens-20/detail/B002P7BI02

New In Town
Directed by Jonas Elmer
http://astore.amazon.com/entertainmens-20/detail/B00243IRWY

King of New York
Directed by Abel Ferrara
http://astore.amazon.com/entertainmens-20/detail/B000LQCT2U

Justice League: The New Frontier
Directed by Dave Bullock
http://astore.amazon.com/entertainmens-20/detail/B0014WEFI6

New Jack City
Directed by Mario Van Peebles
http://astore.amazon.com/entertainmens-20/detail/B001QDB7KC

Night and Day
Directed by Almira Sessions
http://astore.amazon.com/entertainmens-20/detail/B000LJAVA4

Hollywoodland
Directed by Allen Coulter
http://astore.amazon.com/entertainmens-20/detail/B000O5S1F2

Changing Lanes
Directed by paramount
http://astore.amazon.com/entertainmens-20/detail/B000IZ2YMO

American Pie
Directed by Paul Weitz
http://astore.amazon.com/entertainmens-20/detail/B000ID1IVO

Casino Royale
Directed by Martin Campbell
http://astore.amazon.com/entertainmens-20/detail/B0020M99LC

Quantum of Solace
Directed by Marc Forster
http://astore.amazon.com/entertainmens-20/detail/B001VIMCW4

Obsession
Directed by Peter Sehr
http://astore.amazon.com/entertainmens-20/detail/B0016H1D1G

Live Free or Die Hard (Unrated)
Directed by Len Wiseman
http://astore.amazon.com/entertainmens-20/detail/B002JODPSO

Kiss Of The Dragon
Directed by Chris Nahon
http://astore.amazon.com/entertainmens-20/detail/B000I9VZP2

Braveheart
Directed by Mel Gibson
http://astore.amazon.com/entertainmens-20/detail/B000I3PERS

HIGHLANDER: THE SOURCE
Directed by Brett Leonard
http://astore.amazon.com/entertainmens-20/detail/B001F71GQO

The Scorpion King 2: Rise of a Warrior
Directed by Russell Mulcahy
http://astore.amazon.com/entertainmens-20/detail/B001G7JURU

The Silence of the Lambs
Directed by Jonathan Demme
http://astore.amazon.com/entertainmens-20/detail/B002CMV1N4

Rambo 3
Directed by Peter MacDonald
http://astore.amazon.com/entertainmens-20/detail/B000IHJ2B8

Forrest Gump
Directed by Robert Zemeckis
http://astore.amazon.com/entertainmens-20/detail/B0035JRVBO

Star Trek II: The Wrath of Khan - Director's Cut
Directed by Nicholas Meyer
http://astore.amazon.com/entertainmens-20/detail/B0039PK058

Titanic (1953)
Directed by Jean Negulesco
http://astore.amazon.com/entertainmens-20/detail/B001SAAINA

Cyber Wars
Directed by Jian Hong Kuo
http://astore.amazon.com/entertainmens-20/detail/B002ZF8HTO

Romeo and Juliet
Directed by Franco Zeffirelli
http://astore.amazon.com/entertainmens-20/detail/B000X4GXT0

Little Shop of Horrors
Directed by Roger Corman
http://astore.amazon.com/entertainmens-20/detail/B001L29HQY

Alias
Directed by CreateSpace
http://astore.amazon.com/entertainmens-20/detail/B002WQI6LK

Men in Black
Directed by Barry Sonnenfeld
http://astore.amazon.com/entertainmens-20/detail/B0011E9LBI

Double Dragon
Directed by James Yukich
http://astore.amazon.com/entertainmens-20/detail/B003607HV6

Silver Hawk
Directed by Jingle Ma
http://astore.amazon.com/entertainmens-20/detail/B001GPE1TO

Conspiracy [HD]
http://astore.amazon.com/entertainmens-20/detail/B003AA7R9Y

Sort Of Like A Family [HD]
http://astore.amazon.com/entertainmens-20/detail/B003DXK9ZW

Dead is Dead [HD]
http://astore.amazon.com/entertainmens-20/detail/B003U55O6C

Zero [HD]
Directed by Marisol Torres
http://astore.amazon.com/entertainmens-20/detail/B003C86JJ8

Walkabout [HD]
http://astore.amazon.com/entertainmens-20/detail/B003OG5ZYS

Sudden Impact
Directed by Clint Eastwood
http://astore.amazon.com/entertainmens-20/detail/B003J4KDSI

Million Dollar Baby
Directed by Clint Eastwood
http://astore.amazon.com/entertainmens-20/detail/B001EC2IYE

Kickboxer
Directed by Mark DiSalle, David Worth
http://astore.amazon.com/entertainmens-20/detail/B001H1UQQ4

Maximum Risk
Directed by Ringo Lam
http://astore.amazon.com/entertainmens-20/detail/B0026KW28A

Universal Soldier
Directed by Roland Emmerich
http://astore.amazon.com/entertainmens-20/detail/B000IHLG58

Cold Mountain
Directed by Anthony Minghella
http://astore.amazon.com/entertainmens-20/detail/B003SHZPD4

All the Pretty Horses
Directed by Billy Bob Thornton
http://astore.amazon.com/entertainmens-20/detail/B000I9VXYK

John Grisham's The Rainmaker
Directed by Francis Ford Coppola
http://astore.amazon.com/entertainmens-20/detail/B001P7HUF0

The Firm
Directed by Sydney Pollack
http://astore.amazon.com/entertainmens-20/detail/B001JYP8H6

A Time to Kill
Directed by wb
http://astore.amazon.com/entertainmens-20/detail/B001ARNNC4

The Juror
Directed by Brian Gibson
http://astore.amazon.com/entertainmens-20/detail/B000LPI682

Stephen King's Graveyard Shift
Directed by Ralph S. Singleton
http://astore.amazon.com/entertainmens-20/detail/B001RN2LDS

King Arthur
Directed by Antoine Fuqua
http://astore.amazon.com/entertainmens-20/detail/B003QSGFG6

Troy - Director's Cut
Directed by Wolfgang Petersen
http://astore.amazon.com/entertainmens-20/detail/B000W43FPG

The Assassination of Jesse James by the Coward Robert Ford
Directed by Andrew Dominik
http://astore.amazon.com/entertainmens-20/detail/B001391VSM

The Good, The Bad, and the Ugly
Directed by Sergio Leone
http://astore.amazon.com/entertainmens-20/detail/B0011XBLUS

Cliffhanger
Directed by sphe
http://astore.amazon.com/entertainmens-20/detail/B001E91LY0

Top Gun
Directed by Tony Scott
http://astore.amazon.com/entertainmens-20/detail/B001K3K5MO

Lara Croft: Tomb Raider
Directed by Simon West
http://astore.amazon.com/entertainmens-20/detail/B000HZGBLA

The Lord Of The Rings: The Fellowship Of The Ring
Directed by Peter Jackson
http://astore.amazon.com/entertainmens-20/detail/B000YMKBWG

Lord of the Rings: Trilogy Trailer
Directed by Warner Brothers Studios
http://astore.amazon.com/entertainmens-20/detail/B003AK5RL4

The Terminator
Directed by James Cameron
http://astore.amazon.com/entertainmens-20/detail/B00153ZC8Q

Predator
Directed by John McTiernan
http://astore.amazon.com/entertainmens-20/detail/B003GX5CWY

Total Recall
Directed by Paul Verhoeven
http://astore.amazon.com/entertainmens-20/detail/B000IHL52W

The Hunt for Red October
Directed by John McTiernan
http://astore.amazon.com/entertainmens-20/detail/B000IZ4QZM

For Warrick
http://astore.amazon.com/entertainmens-20/detail/B001GBB7C2

Built to Kill: Part 1
Directed by Kenneth Fink
http://astore.amazon.com/entertainmens-20/detail/B000J0LZGO

Saturday Night Live (SNL) - The Best of Tracy Morgan 2
Directed by Lorne Michaels
http://astore.amazon.com/entertainmens-20/detail/B002CTGBDC

The High and the Mighty
Directed by William Wellman
http://astore.amazon.com/entertainmens-20/detail/B000J13RCI

Along Came A Spider
Directed by Lee Tamahori
http://astore.amazon.com/entertainmens-20/detail/B000I67MIE

Gone Baby Gone
Directed by Ben Affleck
http://astore.amazon.com/entertainmens-20/detail/B003QTSM4S

The Sum of All Fears
Directed by paramount
http://astore.amazon.com/entertainmens-20/detail/B000IZ6USS

Deep Impact
Directed by Mimi Leder
http://astore.amazon.com/entertainmens-20/detail/B0023S50DO

Michael Clayton
Directed by Tony Gilroy
http://astore.amazon.com/entertainmens-20/detail/B0014B8KSI

Mad Max
Directed by George Miller
http://astore.amazon.com/entertainmens-20/detail/B000IZXR7U

Conspiracy Theory
Directed by Richard Donner
http://astore.amazon.com/entertainmens-20/detail/B001AMHQSQ

LETHAL WEAPON 4
Directed by Richard Donner
http://astore.amazon.com/entertainmens-20/detail/B001EC0ORW

The Ten Commandments
Directed by Cecil B. DeMille
http://astore.amazon.com/entertainmens-20/detail/B000J0XJC2

Crash
Directed by Paul Haggis
http://astore.amazon.com/entertainmens-20/detail/B002WQB0Q8

The Net
Directed by Irwin Winkler
http://astore.amazon.com/entertainmens-20/detail/B000I8ES6G

Notting Hill
Directed by Roger Michell
http://astore.amazon.com/entertainmens-20/detail/B001HBYH9Q

Mona Lisa Smile
Directed by Eric Hersh
http://astore.amazon.com/entertainmens-20/detail/B000JD1CBY

Dragon: The Bruce Lee Story
Directed by Rob Cohen
http://astore.amazon.com/entertainmens-20/detail/B000ICZD5C

Take out the Trash Day
Directed by Ken Olin
http://astore.amazon.com/entertainmens-20/detail/B000KZM6HK

Indiana Jones and the Kingdom of the Crystal Skull
Directed by Steven Spielberg
http://astore.amazon.com/entertainmens-20/detail/B001M6KTLG

Firewall
Directed by Richard Loncraine
http://astore.amazon.com/entertainmens-20/detail/B000HL27Q2

Avatar
Directed by James Cameron
http://astore.amazon.com/entertainmens-20/detail/B003LFLOOW

Star Trek (2009)
Directed by J.J. Abrams
http://astore.amazon.com/entertainmens-20/detail/B002PMPTIO

Inglourious Basterds
Directed by Quentin Tarantino
http://astore.amazon.com/entertainmens-20/detail/B002UEW31I

The Runaways
Directed by Floria Sigismondi
http://astore.amazon.com/entertainmens-20/detail/B003U42L8W

Cop Out
Directed by Kevin Smith

Brothers in Arms
Directed by Jean Claude Le Marre
http://astore.amazon.com/entertainmens-20/detail/B000WN7NFA

Echelon Conspiracy
Directed by Greg Marcks
http://astore.amazon.com/entertainmens-20/detail/B002ILDSOE

Hardwired
Directed by Ernie Barbarash
http://astore.amazon.com/entertainmens-20/detail/B002VDB1SE

Chloe
Directed by Atom Egoyan
http://astore.amazon.com/entertainmens-20/detail/B003VMIGM8

The Cry of the Owl
Directed by Jamie Thraves
http://astore.amazon.com/entertainmens-20/detail/B003QFBY88

Shoot First And Pray You Live
Directed by Lance Doty
http://astore.amazon.com/entertainmens-20/detail/B003615GOA

Franklyn
Directed by Gerald McMorrow
http://astore.amazon.com/entertainmens-20/detail/B002XCTXBU

Vacancy 2: The First Cut
Directed by Eric Bross
http://astore.amazon.com/entertainmens-20/detail/B001Q7HGFS

The Chaos Experiment
Directed by Philippe Martinez
http://astore.amazon.com/entertainmens-20/detail/B002MD1SC2

The Devil's Tomb
Directed by Jason Connery
http://astore.amazon.com/entertainmens-20/detail/B0026OBIB8

Messengers 2: The Scarecrow
Directed by Martin Barnewitz
http://astore.amazon.com/entertainmens-20/detail/B002ICFXLY

A Dangerous Man
Directed by Keoni Waxman
http://astore.amazon.com/entertainmens-20/detail/B0037OW5SG

Eddie Murphy Raw
Directed by Robert Townsend
http://astore.amazon.com/entertainmens-20/detail/B0018RFLMG

Coming to America
Directed by John Landis
http://astore.amazon.com/entertainmens-20/detail/B001K3BG6S

Trading Places
Directed by PARAMOUNT
http://astore.amazon.com/entertainmens-20/detail/B00119XQHI

Wayne's World 2
Directed by Stephen Surjik
http://astore.amazon.com/entertainmens-20/detail/B001JYZXGM

A Fish Called Wanda
Directed by Charles Crichton
http://astore.amazon.com/entertainmens-20/detail/B000VHXBIU

Four Weddings And A Funeral
Directed by Mike Newell
http://astore.amazon.com/entertainmens-20/detail/B0032KPE0G

My Best Friend's Wedding
Directed by P.J. Hogan
http://astore.amazon.com/entertainmens-20/detail/B000I9U77O

Full Metal Jacket
Directed by Stanley Kubrick
http://astore.amazon.com/entertainmens-20/detail/B001AMNL2Q

The Devil's Advocate
Directed by Taylor Hackford
http://astore.amazon.com/entertainmens-20/detail/B001EBYM9Y

The Recruit
Directed by Roger Donaldson
http://astore.amazon.com/entertainmens-20/detail/B003SHYR7Y

Scarface (1983)
Directed by Brian De Palma
http://astore.amazon.com/entertainmens-20/detail/B000ID37SQ

The Godfather (The Coppola Restoration)
Directed by Francis Ford Coppola
http://astore.amazon.com/entertainmens-20/detail/B001GJ19F4

Heat
Directed by Michael Mann
http://astore.amazon.com/entertainmens-20/detail/B002AH3WSS

Classified Mysteries -Vol.1 Widescreen
Directed by Al May
http://astore.amazon.com/entertainmens-20/detail/B001HDVHTM

Jarhead
Directed by Sam Mendes
http://astore.amazon.com/entertainmens-20/detail/B000I9WVY6

The Bourne Supremacy
Directed by Paul Greengrass
http://astore.amazon.com/entertainmens-20/detail/B000Q79HS8

Mission: Impossible II
Directed by John Woo
http://astore.amazon.com/entertainmens-20/detail/B001JU4S44

Robin Hood: Prince of Thieves (Extended Cut)
Directed by Kevin Reynolds
http://astore.amazon.com/entertainmens-20/detail/B002R1SS86

Shutter Island
Directed by Martin Scorsese
http://astore.amazon.com/entertainmens-20/detail/B003NTSBUG

The Seamstress
Directed by Jesse James Miller
http://astore.amazon.com/entertainmens-20/detail/B002RPOI7W

Kill Bill: Volume 1
Directed by Quentin Tarantino
http://astore.amazon.com/entertainmens-20/detail/B003SHZPCK

Green Zone
Directed by Paul Greengrass
http://astore.amazon.com/entertainmens-20/detail/B003K05DQS

The Warlords
Directed by Peter Chan, Wai Man Yip
http://astore.amazon.com/entertainmens-20/detail/B003AVGMV2

Brooklyn's Finest
Directed by Antoine Fuqua
http://astore.amazon.com/entertainmens-20/detail/B003UBMLUI

The Bounty Hunter
Directed by Andy Tennant
http://astore.amazon.com/entertainmens-20/detail/B003QWV652

She's Out of My League
Directed by Jim Field Smith
http://astore.amazon.com/entertainmens-20/detail/B003TJMWAA

JFK
Directed by Oliver Stone
http://astore.amazon.com/entertainmens-20/detail/B002MG2ATY

Hoffa
Directed by Danny Devito
http://astore.amazon.com/entertainmens-20/detail/B000SVZILC

Goodfellas
Directed by Martin Scorsese
http://www.filmcrave.com/dvd_new.php?page=2

Last Rites
Directed by Don Bellisario
http://astore.amazon.com/entertainmens-20/detail/B000VLZCG0

From Paris With Love
Directed by Pierre Morel
http://astore.amazon.com/entertainmens-20/detail/B003KN5DTC

Legion
Directed by Scott Stewart
http://astore.amazon.com/entertainmens-20/detail/B003KI6XU0

Fireball
Directed by Thanakorn Pongsuwan
http://astore.amazon.com/entertainmens-20/detail/B00304LEY4

The Fifth Commandment
Directed by Jesse V. Johnson
http://astore.amazon.com/entertainmens-20/detail/B002JCCEIS

The Trial of Jack McCall
Directed by Ed Bianchi
http://astore.amazon.com/entertainmens-20/detail/B003BFTJBC

Wolf
Directed by Mike Nichols
http://astore.amazon.com/entertainmens-20/detail/B001EK0FNC

As Good As It Gets
Directed by James L. Brooks
http://astore.amazon.com/entertainmens-20/detail/B000I8HIO0

What Women Want
Directed by Nancy Meyers
http://astore.amazon.com/entertainmens-20/detail/B000HZEQ76

Runaway Bride
Directed by Garry Marshall
http://astore.amazon.com/entertainmens-20/detail/B0023RTQ7G

The American President
Directed by Rob Reiner
http://astore.amazon.com/entertainmens-20/detail/B0013WESFM

How to Lose A Guy In 10 Days
Directed by Donald Petrie
http://astore.amazon.com/entertainmens-20/detail/B000JGH1H0

Formosa Betrayed
Directed by Adam Kane
http://astore.amazon.com/entertainmens-20/detail/B003VN1D7C

Dead Of Night
Directed by Nicholas J. Michalak
http://astore.amazon.com/entertainmens-20/detail/B002Y5TFBE

Numbers [HD]
http://astore.amazon.com/entertainmens-20/detail/B003U4ZTYA

Holly
http://astore.amazon.com/entertainmens-20/detail/B001QU656G

Amistad
Directed by paramount
http://astore.amazon.com/entertainmens-20/detail/B002IR9ZSG

Gandhi
Directed by Richard?Attenborough
http://astore.amazon.com/entertainmens-20/detail/B00190N4E4

All the King's Men
Directed by Steven Zaillian
http://astore.amazon.com/entertainmens-20/detail/B000M39SXU

Hotel Rwanda
Directed by Terry George
http://astore.amazon.com/entertainmens-20/detail/B002BVOY7G

The Constant Gardener
Directed by Fernando Meirelles
http://astore.amazon.com/entertainmens-20/detail/B000I9VO76

Tsotsi
Directed by Gavin Hood
http://astore.amazon.com/entertainmens-20/detail/B003SI1RG2

The Interpreter
Directed by Sydney Pollack
http://astore.amazon.com/entertainmens-20/detail/B000I9WVXC

The Skeleton Key
Directed by Iain Softley
http://astore.amazon.com/entertainmens-20/detail/B000I9S690

Unleashed
Directed by Louis Leterrier
http://astore.amazon.com/entertainmens-20/detail/B000I9VOQ2

Face/Off
Directed by John Woo
http://astore.amazon.com/entertainmens-20/detail/B002PT1KH6

Broken Arrow
Directed by John Woo
http://astore.amazon.com/entertainmens-20/detail/B000I9YXQU

Red Heat
Directed by Walter Hill
http://astore.amazon.com/entertainmens-20/detail/B000K2CLDW

Last Action Hero
Directed by John McTiernan

http://astore.amazon.com/entertainmens-20/detail/B000PH40HM

The Running Man
Directed by Paul Michael Glaser
http://astore.amazon.com/entertainmens-20/detail/B0027V6AL8

Conan the Barbarian
Directed by John Milius
http://astore.amazon.com/entertainmens-20/detail/B0026IYLS6

The Sweetest Thing
Directed by Roger Kumble
http://astore.amazon.com/entertainmens-20/detail/B000I8ES1Q

From Russia With Love
Directed by Terrance Young
http://astore.amazon.com/entertainmens-20/detail/B0020PRZ56

The Naked Gun 33 1/3: The Final Insult
Directed by Peter Segal
http://astore.amazon.com/entertainmens-20/detail/B0011TZ6UI

Look Who's Talking
Directed by Amy Heckerling
http://astore.amazon.com/entertainmens-20/detail/B00170I7MA

2012
Directed by Roland Emmerich
http://astore.amazon.com/entertainmens-20/detail/B0035G0U2O

My Brother
Directed by Anthony Lover
http://astore.amazon.com/entertainmens-20/detail/B000WQDXN8

Cover
Directed by Bill Duke
http://astore.amazon.com/entertainmens-20/detail/B0019DJUWG

Soulmate
Directed by Andrea Allen-Wiley
http://astore.amazon.com/entertainmens-20/detail/B001HP1YAW

The Greatest Song
Directed by Image Entertainment
http://astore.amazon.com/entertainmens-20/detail/B002LNXOH0

Three Monkeys
Directed by Nuri Bilge Ceylan
http://astore.amazon.com/entertainmens-20/detail/B002TRZ1CE

Goldfinger
Directed by Guy Hamilton
http://astore.amazon.com/entertainmens-20/detail/B0020MDEHW

Diamonds Are Forever
Directed by Guy Hamilton
http://astore.amazon.com/entertainmens-20/detail/B002BDEV6S

Fanny Hill (Part 1)
Directed by James Hawes
http://astore.amazon.com/entertainmens-20/detail/B002T22HM6

It's A Wonderful Life
Directed by Frank Capra
http://astore.amazon.com/entertainmens-20/detail/B001M432XA

League Of Extraordinary Gentlemen
Directed by Stephen Norrington
http://astore.amazon.com/entertainmens-20/detail/B000I9YWIE

Ghost Rider
Directed by Mark Steven Johnson
http://astore.amazon.com/entertainmens-20/detail/B000RVK1AQ

The Punisher
Directed by Jonathan Hensleigh
http://astore.amazon.com/entertainmens-20/detail/B001JTVW44

Hancock (Rated)
Directed by Peter Berg
http://astore.amazon.com/entertainmens-20/detail/B001KAV8F0

Van Helsing
Directed by Stephen Sommers
http://astore.amazon.com/entertainmens-20/detail/B001JIAK66

526. Northern Radio Co. FSK equipment

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 08:23:30 UTC
From: longrange <longrange@verizon.net>
Message-ID: <JER2o.600528$vr1.532126@en-nntp-07.dc1.easynews.com>
Source record: 1096

Any one have for sale or swap Northern Radio Co. F.S. Tone
Keyers Type 211 or F.S. tone converters Type 212 ?.

These were used in multichannel FSK systems.

longrange@verizon.net

527. Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 12:07:40 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c4c290e$0$31380$4fafbaef@reader1.news.tin.it>
Source record: 1097

Testing, my ART-13, I can obtain a good match on 7 MHz, 10 MHz and 14 MHz, with the antenna switch (control C) on position 11 or 12.

But when I try to operate on 3.5 MHz, I am unable to obtain a good match at any antenna switch position. I can get roughly half the RF power with a higher plate current, this indicating that match is poor. Grid current is OK.

At switch position 8 and above the matching network is a Pi; at position 7 and below it becomes a simple L.

I know that the transmitter was designed to match short (capacitive) antennas, and it may then not like the 50-ohm resistance of my 80-meter dipole. But before carrying out further investigations, I would like to hear if somebody had experience in operating the ART-13 on 80 meters.

Thanks & 73

Tony I0JX
Rome, Italy

P.S. I do not succeed to get enough grid current at 18.070 MHz that is at the very extreme of the transmitter operating band

528. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 15:47:25 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <j9udnZuhtYsqwdHRnZ2dnUVZ_tadnZ2d@earthlink.com>
Source record: 1098

"Antonio Vernucci" <vernucci@tin.it> wrote in message
news:4c4c290e$0$31380$4fafbaef@reader1.news.tin.it...
> Testing, my ART-13, I can obtain a good match on 7 MHz, 10
> MHz and 14 MHz, with the antenna switch (control C) on
> position 11 or 12.
>
> But when I try to operate on 3.5 MHz, I am unable to
> obtain a good match at any antenna switch position. I can
> get roughly half the RF power with a higher plate current,
> this indicating that match is poor. Grid current is OK.
>
> At switch position 8 and above the matching network is a
> Pi; at position 7 and below it becomes a simple L.
>
> I know that the transmitter was designed to match short
> (capacitive) antennas, and it may then not like the 50-ohm
> resistance of my 80-meter dipole. But before carrying out
> further investigations, I would like to hear if somebody
> had experience in operating the ART-13 on 80 meters.
>
> Thanks & 73
>
> Tony I0JX
> Rome, Italy
>
> P.S. I do not succeed to get enough grid current at 18.070
> MHz that is at the very extreme of the transmitter
> operating band
Are you testing into a dummy load?
If you have an antenna impedance bridge you may be able
to measure the effective impedance of the output stage. If
the transmitter is operating normally you may need some sort
of external tuner.
--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

529. Heathkit from scratch

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 19:38:09 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <i2i3r6rbb1@news.eternal-september.org>
Source record: 1099

A search of my junkbox yielded all the parts needed to build a clone of the Heathkit HD1250 dip meter. I've always wanted to build one, so I made my own Heathkit. Thought I'd share this....

http://scharkalvin.weebly.com/the-blog.html

530. Ten Tec Omni D series C

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 20:34:57 UTC
From: "w4pqw@cox.net" <w4pqw@cox.net>
Message-ID: <ebdf3531-4ce1-4e4f-a548-2bc82cf56e72@q12g2000yqj.googlegroups.com>
Source record: 1100

OK,so it is not a BA,,It is old enought to be one..Can someone tell me how to remove the VFO..It does not appear to be a simple 1-2-3 action and I don`t like to do extra work..The Vfo knob will not drive the pto,may be from inactivity..may need cleaning or whatever...thanks
Harold W4PQW

531. Re: Ten Tec Omni D series C

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 21:19:03 UTC
From: "Geoffrey S. Mendelson" <gsm@mendelson.com>
Message-ID: <slrni4pacm.d6h.gsm@cable.mendelson.com>
Source record: 1001

w4pqw@cox.net wrote:
> OK,so it is not a BA,,It is old enought to be one..Can someone tell me
> how to remove the VFO..It does not appear to be a simple 1-2-3 action
> and I don`t like to do extra work..The Vfo knob will not drive the
> pto,may be from inactivity..may need cleaning or whatever...thanks

Did you download the manual? Look at www.tentec.com under downloads
then obosolete manuals.

The other place to ask is tentec@contesting.com, but you may have to sign
up first.

Geoff.

--
Geoffrey S. Mendelson N3OWJ/4X1GM
To help restaurants, as part of the "stimulus package", everyone must order
dessert. As part of the socialized health plan, you are forbidden to eat it. :-)

532. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 22:10:30 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c4cb657$0$12118$4fafbaef@reader4.news.tin.it>
Source record: 1002

> Are you testing into a dummy load?

yes, 50 ohm

> If you have an antenna impedance bridge you may be able to measure the
> effective impedance of the output stage. If the transmitter is operating
> normally you may need some sort of external tuner.

I like to operate boatanchors in the way there were supposed to operate. So, if the ART-13 was not designed to operate on the 80 / 75 MHz band with a 50-ohm load, I'll just give up.

What I would like to know is whether all the ART-13s behave that way, or I should instead suspect that a problem occurs on my particular ART-13.

So, I am looking for somebody who can readily fire-up an ART-13 and confirm or deny my experience.

73

Tony I0JX

533. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 22:27:15 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <i2idod$ku4$1@news.eternal-september.org>
Source record: 1003

On 07/25/2010 06:10 PM, Antonio Vernucci wrote:
>> Are you testing into a dummy load?
>
> yes, 50 ohm
>
>> If you have an antenna impedance bridge you may be able to measure the
>> effective impedance of the output stage. If the transmitter is
>> operating normally you may need some sort of external tuner.
>
> I like to operate boatanchors in the way there were supposed to operate.
> So, if the ART-13 was not designed to operate on the 80 / 75 MHz band
> with a 50-ohm load, I'll just give up.
>
> What I would like to know is whether all the ART-13s behave that way, or
> I should instead suspect that a problem occurs on my particular ART-13.
>
> So, I am looking for somebody who can readily fire-up an ART-13 and
> confirm or deny my experience.
>
> 73
>
> Tony I0JX
>
In the CQ surplus conversion manual, the one of the chapters on the ART13 refers to using a 118' flat top antenna feed with a single wire feeded 17' off center (windom?). The author claims on 80 it acts as a singe wire feed matched impedance half wave. On 40 and 20 it is a large T type Marconi. So someone got the rig on 80, but using an old style wire antenna. I suspect using a modem coax fed antenna with this rig on 80 may be a problem.

Also note that art13's can't normally reach 10 meters, but they have been converted to this in several ways. One way was to install and extra multiplier stage where the optional low frequency unit would have been installed. An extra 10 meter tank coil for the 813 is also added. Operation on the lower bands is not affected.

There is something to be said for leaving the rig as it was in the airplane, but I suspect most hams modified these radios somewhat to make them more useful for civilian use.

Check on the ARRL website and search the QST back issue index for articles from the late 40's through early '60s and you should find some articles on the ART13.

534. Re: Ten Tec Omni D series C

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-25 23:05:43 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <i2ifu70v4c@news7.newsguy.com>
Source record: 1004

w4pqw@cox.net wrote:
> OK,so it is not a BA,,It is old enought to be one..Can someone tell me
> how to remove the VFO..It does not appear to be a simple 1-2-3 action
> and I don`t like to do extra work..The Vfo knob will not drive the
> pto,may be from inactivity..may need cleaning or whatever...thanks
> Harold W4PQW

I seem to recall some problems with TenTec's verniers - particularly in the case of the Century 21. Dunno if it applies to your rig.

Hope its an easy fix for you.

-Bill

535. Re: Ten Tec Omni D series C

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-26 01:45:16 UTC
From: kludge@panix.com
Message-ID: <i2ipbc$l2c$1@panix2.panix.com>
Source record: 1005

Geoffrey S. Mendelson <gsm@mendelson.com> wrote:
>w4pqw@cox.net wrote:
>> OK,so it is not a BA,,It is old enought to be one..Can someone tell me
>> how to remove the VFO..It does not appear to be a simple 1-2-3 action
>> and I don`t like to do extra work..The Vfo knob will not drive the
>> pto,may be from inactivity..may need cleaning or whatever...thanks
>
>Did you download the manual? Look at www.tentec.com under downloads
>then obosolete manuals.

As I recall there is a sort of planetary gear arrangement made with
ball bearings used to scale the shaft down. You may be able to free
it up just by squirting a little Super Lube or something in there, but
the real solution is to disassemble, clean, and regrease it.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

536. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-26 03:13:51 UTC
From: Thierry_S <motard81_@_hotmail.com>
Message-ID: <4c4cfd6c$0$2976$ba4acef3@reader.news.orange.fr>
Source record: 1006

Le 26/07/2010 00:27, Kenneth Scharf a ï¿½crit :
>...
> Check on the ARRL website and search the QST back issue index for
> articles from the late 40's through early '60s and you should find some
> articles on the ART13.

Hi folks, Antonio,

you can download the three volumes of the Surplus Conversion Manuals here:

http://www.mines.uidaho.edu/~glowbugs/SurpConv.html

Hope this helps,

Thierry

537. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-26 19:24:17 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c4de0e4$0$18655$4fafbaef@reader3.news.tin.it>
Source record: 1007

Kenneth & Thierry

thanks for your answers.

I have found many articles on the web (including the Surplus Conversion Manuals), but nowhere I found a clear statement that the ART-13 cannot work on 80 meters with a 50-ohm antenna (and that a modification is therefore necessary).

At present, my main concern is to ascertain whether my particular ART-13 has got a problem (I hate to have radios that are not perfectly functional), or instead all ART-13s do not work on 80 meters - by their design - with a 50-ohm antenna.

In the second case, I will just give it up and use - on 80 meters - one of the many other AM radios I have.

Same conclusion for 10 meters (I have seen that complex modification, but it may perhaps be worthwhile for those having just a single radio).

73

Tony I0JX

"Thierry_S" <motard81_@_hotmail.com> ha scritto nel messaggio
news:4c4cfd6c$0$2976$ba4acef3@reader.news.orange.fr...
> Le 26/07/2010 00:27, Kenneth Scharf a ï¿½crit :
>>...
>> Check on the ARRL website and search the QST back issue index for
>> articles from the late 40's through early '60s and you should find some
>> articles on the ART13.
>
> Hi folks, Antonio,
>
> you can download the three volumes of the Surplus Conversion Manuals here:
>
> http://www.mines.uidaho.edu/~glowbugs/SurpConv.html
>
>
> Hope this helps,
>
>
> Thierry
>

538. Collins R-188/51J-3 S-Meter Problem and Cure

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-27 02:07:02 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <ZtCdnbvuNfTXotPRnZ2dnUVZ_h-dnZ2d@earthlink.com>
Source record: 1008

I recently aquired an R-388. Its in good condition but
I found the S-meter read very low. From the entries in the
archives of the Collins Collector's List this seems fairly
common. I found that the problem was R-163, a 160ohm
resistor in series with the meter, it had increased in value
to over 200ohms. After replacing it with a good 160ohm film
resistor the meter works normally. There is also a 100 ohm
resistor, r-170, between the meter + side and ground. The
voltage to ground from the screens of two IF stages through
this resistor establishes the reference point for the meter.
I changed this resistor also but the old one checked good.
Evidently this resistor is critical because even though the
difference between the two resistors was only about five
ohms the zero adjustment had to be reset a fair amount.
The meter now goes up to about 95 or higher on maximum
signals and off scale with manual gain.
I am posting this in case it proves of help to someone
else with a similar problem.
FWIW, the meter on the 51J series reads decibels above
the AVC threshold. This is not an absolute level but is
approximately 2.5 microvolts on all but Band-1 (the BC band
where the receiver is delibrately desensitized). This is
different than the meter on the Hammarlund Sp-600-JX, which
reads carrier level and is calibrated in db above and below
one microvolt. When these receivers are working right the
meter is surprizingly accurate.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

539. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-27 20:45:39 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c4f4575$0$18998$4fafbaef@reader5.news.tin.it>
Source record: 1009

Should you be interested to know it, I finally found a very good match on 80 meters putting an external 2000pF capacitor in parallel to the antenna. Switch position is no. 6.

Tnx Paul W2EC for hint.

73

Tony I0JX

"Antonio Vernucci" <vernucci@tin.it> ha scritto nel messaggio
news:4c4de0e4$0$18655$4fafbaef@reader3.news.tin.it...
> Kenneth & Thierry
>
> thanks for your answers.
>
> I have found many articles on the web (including the Surplus Conversion
> Manuals), but nowhere I found a clear statement that the ART-13 cannot work on
> 80 meters with a 50-ohm antenna (and that a modification is therefore
> necessary).
>
> At present, my main concern is to ascertain whether my particular ART-13 has
> got a problem (I hate to have radios that are not perfectly functional), or
> instead all ART-13s do not work on 80 meters - by their design - with a 50-ohm
> antenna.
>
> In the second case, I will just give it up and use - on 80 meters - one of the
> many other AM radios I have.
>
> Same conclusion for 10 meters (I have seen that complex modification, but it
> may perhaps be worthwhile for those having just a single radio).
>
> 73
>
> Tony I0JX
>
> "Thierry_S" <motard81_@_hotmail.com> ha scritto nel messaggio
> news:4c4cfd6c$0$2976$ba4acef3@reader.news.orange.fr...
>> Le 26/07/2010 00:27, Kenneth Scharf a ï¿½crit :
>>>...
>>> Check on the ARRL website and search the QST back issue index for
>>> articles from the late 40's through early '60s and you should find some
>>> articles on the ART13.
>>
>> Hi folks, Antonio,

>>
>> you can download the three volumes of the Surplus Conversion Manuals here:
>>
>> http://www.mines.uidaho.edu/~glowbugs/SurpConv.html
>>
>>
>> Hope this helps,
>>
>>
>> Thierry
>>
>

540. "tiger Radio" Tr200 Coils

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-28 17:21:41 UTC
From: richard8123 <richard8123.69660e8@radiobanter.com>
Message-ID: <richard8123.69660e8@radiobanter.com>
Source record: 1011

I have six coils for the TR200. I'm asking ?10 which includes UK postage. Rich

--
richard8123

541. Re: Ten Tec Omni D series C

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-28 21:24:41 UTC
From: "w4pqw@cox.net" <w4pqw@cox.net>
Message-ID: <4becd849-f526-4266-9914-58821a496cea@s9g2000yqd.googlegroups.com>
Source record: 1010

On Jul 25, 3:34 pm, "w4...@cox.net" <w4...@cox.net> wrote:
> OK,so it is not a BA,,It is old enought to be one..Can someone tell me
> how to remove the VFO..It does not appear to be a simple 1-2-3 action
> and I don`t like to do extra work..The Vfo knob will not drive the
> pto,may be from inactivity..may need cleaning or whatever...thanks
> Harold W4PQW

OK now I know...remove covers remove all knobs,remove ring
bezel,remove front panel,,remove digital readout.,remove a horizontal
(LtoR) support bar.remove VFO assembly..the planitory gear drive was
frozen because of dried grease..it cannot be disassembled so ,you take
a dropper and keep dropping a degreaser (I used Naptha) on the vfo
shaft and keep working until it frees up.These drives work on friction
and always seem to work better in a dry condition..no lube..it is now
free and smoothe, and solid ..feels good and tunes good..Not a job for
a person with no patience..hi.. thanks for response..Harold

542. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-28 23:44:26 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <i2qfcq$ug9$2@news.eternal-september.org>
Source record: 1012

On 07/27/2010 04:45 PM, Antonio Vernucci wrote:
> Should you be interested to know it, I finally found a very good match
> on 80 meters putting an external 2000pF capacitor in parallel to the
> antenna. Switch position is no. 6.
>
> Tnx Paul W2EC for hint.
>
> 73
>
> Tony I0JX
>
>
> "Antonio Vernucci" <vernucci@tin.it> ha scritto nel messaggio
> news:4c4de0e4$0$18655$4fafbaef@reader3.news.tin.it...
>> Kenneth & Thierry
>>
>> thanks for your answers.
>>
>> I have found many articles on the web (including the Surplus
>> Conversion Manuals), but nowhere I found a clear statement that the
>> ART-13 cannot work on 80 meters with a 50-ohm antenna (and that a
>> modification is therefore necessary).
>>
>> At present, my main concern is to ascertain whether my particular
>> ART-13 has got a problem (I hate to have radios that are not perfectly
>> functional), or instead all ART-13s do not work on 80 meters - by
>> their design - with a 50-ohm antenna.
>>
>> In the second case, I will just give it up and use - on 80 meters -
>> one of the many other AM radios I have.
>>
>> Same conclusion for 10 meters (I have seen that complex modification,
>> but it may perhaps be worthwhile for those having just a single radio).
>>
>> 73
>>
>> Tony I0JX
>>
>> "Thierry_S" <motard81_@_hotmail.com> ha scritto nel messaggio
>> news:4c4cfd6c$0$2976$ba4acef3@reader.news.orange.fr...
>>> Le 26/07/2010 00:27, Kenneth Scharf a ï¿½crit :
>>>> ...
>>>> Check on the ARRL website and search the QST back issue index for
>>>> articles from the late 40's through early '60s and you should find some

>>>> articles on the ART13.
>>>
>>> Hi folks, Antonio,
>>>
>>> you can download the three volumes of the Surplus Conversion Manuals
>>> here:
>>>
>>> http://www.mines.uidaho.edu/~glowbugs/SurpConv.html
>>>
>>>
>>> Hope this helps,
>>>
>>>
>>> Thierry
>>>
>>
>
NTITOI it was very common to need a series or shunt capacitor in the
antenna feed with these old rigs on the lower bands. Same for the ARC5
transmitters too.

543. pretty girls hot videos&photos

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-29 17:49:55 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <c954d2af-6591-46e9-bbc0-dbad091b4aae@u4g2000prn.googlegroups.com>
Source record: 1013

KATRINA KAIF BATH ROOM VIDEO

http://hotvideosee.blogspot.com/2010/07/katrina-in-bath.html

MUMAITH KHAN HOT SEXY PHOTO

http://hotvideosee.blogspot.com/2010/03/hot-photo-5_27.html

PRIYAMANI SEXY PHOTO

http://hotvideosee.blogspot.com/2010/03/hot-photo-6.html

HOT&SEXY AUNTY IN A ROMANTIC FEEL

http://hotvideosee.blogspot.com/2010/03/hot-photo-3.html

FOR HOT HEROINES PHOTOS

http://hotheroinesphoto.blogspot.com

AISHWARIYARAI HOT EXPOSING PHOTO

http://hotheroinesphoto.blogspot.com/2010/06/aishwariyarai-hot-photo.html

ANKITHA IN A TUB BATH

http://hotheroinesphoto.blogspot.com/2010/06/ankitha-in-tub-bath.html

TO SEE 100 HOT PHOTO GALLERIES

http://hotheroinesphoto.blogspot.com

544. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-29 18:41:35 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c51cb61$0$18987$4fafbaef@reader5.news.tin.it>
Source record: 1014

> NTITOI it was very common to need a series or shunt capacitor in the
> antenna feed with these old rigs on the lower bands. Same for the ARC5
> transmitters too.

Yes, I had tried to add some capacitance, but not as high as 2000 pF!

73

Tony I0JX

545. Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-29 18:51:18 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c51cda8$0$18991$4fafbaef@reader5.news.tin.it>
Source record: 1015

Some of the schematic diagrams of war times radios - though not all of them - adopt an odd way of identifying resistance values.

For instance a 200.000 ohm resistor is marked "200 Mohm". The "M" means kilo, not mega! Conversely a 2.000.000 ohm resistor is marked "2 Megaohm".

Does any one know the origin of this way of marking resistors and when it was abandoned?

73

Tony I0JX
Rome. Italy

546. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-29 19:02:26 UTC
From: Bert Hyman <bert@iphouse.com>
Message-ID: <Xns9DC48ED4AE50VeebleFetzer@216.250.188.140>
Source record: 1016

In news:4c51cda8$0$18991$4fafbaef@reader5.news.tin.it "Antonio Vernucci" <vernucci@tin.it> wrote:

> Does any one know the origin of this way of marking resistors and when
> it was abandoned?

It was based on the Roman numeral "M" representing 1,000, but I don't know when it stopped being used.

I still see "M" being used to represent thousands of dollars, and MCF is still a pretty standard representation of "thousand cubic feet" of natural gas.

--
Bert Hyman W0RSB St. Paul, MN bert@iphouse.com

547. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-29 22:41:36 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c5203a1$0$31377$4fafbaef@reader1.news.tin.it>
Source record: 1017

> It was based on the Roman numeral "M" representing 1,000, but I don't
> know when it stopped being used.

Living in Rome, I should have known... hi.

I have a diagram dated 1953 in which M still represents 1000. In that diagram they use MF for microfarad (on the other hand a thousand farad would not make sense).

> I still see "M" being used to represent thousands of dollars, and MCF is
> still a pretty standard representation of "thousand cubic feet" of
> natural gas.

Good to know, I would not have suspected that M$ could mean just a thousand dollars and not a million dollars. We here commonly use MEuro for million Euro.

Thanks & 73
Tony I0JX

548. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-30 00:51:36 UTC
From: Roger Johnson <n1rj~@roadrunner.com>
Message-ID: <ump4o.46338$f_3.6591@newsfe17.iad>
Source record: 1018

Antonio Vernucci wrote:
> Kenneth & Thierry
>
> thanks for your answers.
>
> I have found many articles on the web (including the Surplus Conversion
> Manuals), but nowhere I found a clear statement that the ART-13 cannot
> work on 80 meters with a 50-ohm antenna (and that a modification is
> therefore necessary).
>
> At present, my main concern is to ascertain whether my particular ART-13
> has got a problem (I hate to have radios that are not perfectly
> functional), or instead all ART-13s do not work on 80 meters - by their
> design - with a 50-ohm antenna.
>
> In the second case, I will just give it up and use - on 80 meters - one
> of the many other AM radios I have.
>
> Same conclusion for 10 meters (I have seen that complex modification,
> but it may perhaps be worthwhile for those having just a single radio).
>
> 73
>
> Tony I0JX
>

Tony....

See: http://www.w2ec.com/art13.html

second paragraph.

73, Roger

549. MESMARISING VIDEOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-30 08:05:10 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <e36cf774-ac12-4a44-969d-768e6358eddd@k8g2000prh.googlegroups.com>
Source record: 1019

KATRINA KAIF BATH ROOM VIDEO

http://hotvideosee.blogspot.com/2010/07/katrina-in-bath.html

MUMAITH KHAN HOT SEXY PHOTO

http://hotvideosee.blogspot.com/2010/03/hot-photo-5_27.html

PRIYAMANI SEXY PHOTO

http://hotvideosee.blogspot.com/2010/03/hot-photo-6.html

HOT&SEXY AUNTY IN A ROMANTIC FEEL

http://hotvideosee.blogspot.com/2010/03/hot-photo-3.html

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http://hotheroinesphoto.blogspot.com/2010/06/aishwariyarai-hot-photo.html

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TO SEE 100 HOT PHOTO GALLERIES

http://hotheroinesphoto.blogspot.com

550. Re: Poor ART-13 performance on 80 meters

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-30 17:04:02 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c530604$0$40290$4fafbaef@reader2.news.tin.it>
Source record: 1020

> Tony....
>
> See: http://www.w2ec.com/art13.html
>
> second paragraph.
>
> 73, Roger

Yes,. Paul gave me the right hint (see my previous posts)

73

Tony I0JX

551. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-31 04:22:28 UTC
From: Bob Smits <bob@rsmits.ca>
Message-ID: <HbmdncivItyZOM7RnZ2dnUVZ_uqdnZ2d@islandhosting.com>
Source record: 1021

Edmund H. Ramm wrote:

> In <4c5203a1$0$31377$4fafbaef@reader1.news.tin.it> "Antonio Vernucci"
> <vernucci@tin.it> writes:
>
>> [...]
>> I have a diagram dated 1953 in which M still represents 1000. In
>> that diagram they use MF for microfarad
>> [...]
>
> There are also diagrams where m (milli, 10^-3) is used to
> represent mikro (10^-6). Even worse and confusing are those, where
> mmF gets used when pF (pico, 10^-12) is meant.

Huh? What's confusing about micro-micro farads? :-):-)
--
Robert (Bob) Smits, VE7HS & Linux Fan

552. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-31 07:48:04 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c53d536$0$18660$4fafbaef@reader3.news.tin.it>
Source record: 1022

"Bob Smits" <bob@rsmits.ca> ha scritto nel messaggio
news:HbmdncivItyZOM7RnZ2dnUVZ_uqdnZ2d@islandhosting.com...
> Edmund H. Ramm wrote:
>
>> In <4c5203a1$0$31377$4fafbaef@reader1.news.tin.it> "Antonio Vernucci"
>> <vernucci@tin.it> writes:
>>
>>> [...]
>>> I have a diagram dated 1953 in which M still represents 1000. In
>>> that diagram they use MF for microfarad
>>> [...]
>>
>> There are also diagrams where m (milli, 10^-3) is used to
>> represent mikro (10^-6). Even worse and confusing are those, where
>> mmF gets used when pF (pico, 10^-12) is meant.
>
> Huh? What's confusing about micro-micro farads? :-):-)
> --
> Robert (Bob) Smits, VE7HS & Linux Fan

Among the odd markings:

- in the 60ies it was fairly common to use kpF (kilopicofarad) to mean nF
(nanofarad)
- in the 30ies, German power mica capacitors were marked in centimeters (cm). 1
cm is equal to about 1.1 pF

73

Tony I0JX

553. an/grr-5

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-31 14:54:37 UTC
From: Alfred <Alfred.69a0108@radiobanter.com>
Message-ID: <Alfred.69a0108@radiobanter.com>
Source record: 1023

Anyone have any units, parts or accessories for this an/grr-5. I am in need of the cable that connects the 2 units together.....

--
Alfred

554. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-07-31 17:16:13 UTC
From: olfart <olfart65@excite.com>
Message-ID: <i31loqrku1@speranza.aioe.org>
Source record: 1024

```
"Antonio Vernucci" <vernucci@tin.it> wrote in message
news:4c53d536$0$18660$4fafbaef@reader3.news.tin.it...
> "Bob Smits" <bob@rsmits.ca> ha scritto nel messaggio
> news:HbmdncivItyZOM7RnZ2dnUVZ_uqdnZ2d@islandhosting.com...
>> Edmund H. Ramm wrote:
>>
>>> In <4c5203a1$0$31377$4fafbaef@reader1.news.tin.it> "Antonio Vernucci"
>>> <vernucci@tin.it> writes:
>>>
>>>> [...]
>>>> I have a diagram dated 1953 in which M still represents 1000. In
>>>> that diagram they use MF for microfarad
>>>> [...]
>>>
>>> There are also diagrams where m (milli, 10^-3) is used to
>>> represent mikro (10^-6). Even worse and confusing are those, where
>>> mmF gets used when pF (pico, 10^-12) is meant.
>>
>> Huh? What's confusing about micro-micro farads? :-):-)
>> --
>> Robert (Bob) Smits, VE7HS & Linux Fan
>
>
> Among the odd markings:
>
> - in the 60ies it was fairly common to use kpF (kilopicofarad) to mean nF
> (nanofarad)
> - in the 30ies, German power mica capacitors were marked in centimeters
> (cm). 1 cm is equal to about 1.1 pF
>
> 73
>
> Tony I0JX
>

and cps instead of Hertz
Ah...those were the good ol' days
```

555. fs - 1950s police radio anyone? Motorola

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-01 05:14:06 UTC
From: Bill Noble <nobody@nowhere.invalid>
Message-ID: <i32vquqbo1@news.eternal-september.org>
Source record: 1025

just picked up a Motorola FMTRU 80 D, no tubes, no crystals, no dynamotor, otherwise seems to be complete. If you are interested, contact me at the email address on my web page and I can send you a picture. This unit is dated 1953

This site http://www.wb6nvh.com/Moto42/Moto42.htm has interesting info on it:

80D and 140D: These were the industry standards in the 1950's and made in the greatest quantity.. The FMTR- or FMTRU-80(D) and FMTR- or FMTRU-140D are 15" wide cased mobiles which usually used Sensicon receivers with high power transmitters. In some instances, a less expensive "Unichannel" receiver was used. The 80D used a pair of 2E26's while the 140D used a single 829B in the transmitter power amplifier. The 80D was nominally a 30 Watt transmitter while the 140D was nominally a 60 Watt transmitter. The power supply used a vibrator for the receiver and a dynamotor for the transmitter. The Research Line enjoyed widespread popularity and such a long service life that most of them were converted to 12 volts after the auto industry switched battery voltage standards in 1956, and many were also converted to comply with "narrow band" FM requirements mandated by the FCC in the early 1960's. In the mid-1960's, Motorola even offered a field modification kit which replaced the vibrator/dynamotor power supply in the 80 and 140 series with a 12 Volt transistorized power supply, which included a heat sink which bolted to the front panel and instructions to overstrike the model number on the ID plate to read FMTR-140(T) or FMTR-80(T) as appropriate. The chassis used in these mobiles were also used in all manner of upright cabinet base stations, desktop base stations, repeaters and so forth

--
Bill -
www.wbnoble.com

556. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-01 13:17:04 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c5573d0$0$18989$4fafbaef@reader5.news.tin.it>
Source record: 1026

>> - in the 60ies it was fairly common to use kpF (kilopicofarad) to mean nF
>> (nanofarad)
>
> Never saw that before.
>

it was not just on the doagrams. I have some capacitors marked that way...

73

Tony I0JX

557. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-01 13:20:11 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c55748b$0$18990$4fafbaef@reader5.news.tin.it>
Source record: 1027

> Well, "m" is reserved for "milli". Using a QWERTY typewriter (remember
> them?) or ASCII computer keyboard IMO "u" is the better substitute for
> "micron". But "p" and "n" are on all those keyboards. So there was/is
> no need for the above "mmF" construct, or awkward notations like .005uF
> when 5nF would say it much nicer.
>
> 73, Eddi ._._.
> --

Yes, but for some reason 5nF was not of common use before about 25 years ago.
.005uF or 5kpF was the standard, who knows why..

Tony I0JX

558. Re: fs - 1950s police radio anyone? Motorola

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-01 18:57:29 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <967caf7d-97e7-4e6c-af29-101990aadfc4@m17g2000prl.googlegroups.com>
Source record: 1028

On Jul 31, 10:14 pm, "Bill Noble" <nob...@nowhere.invalid> wrote:
> just picked up a Motorola FMTRU 80 D, no tubes, no crystals, no dynamotor,
> otherwise seems to be complete. If you are interested, contact me at the
> email address on my web page and I can send you a picture. This unit is
> dated 1953
>
> This sitehttp://www.wb6nvh.com/Moto42/Moto42.htm has interesting info on
> it:
>
> 80D and 140D: These were the industry standards in the 1950's and made in
> the greatest quantity.. The FMTR- or FMTRU-80(D) and FMTR- or FMTRU-140D are
> 15" wide cased mobiles which usually used Sensicon receivers with high power
> transmitters. In some instances, a less expensive "Unichannel" receiver was
> used. The 80D used a pair of 2E26's while the 140D used a single 829B in the
> transmitter power amplifier. The 80D was nominally a 30 Watt transmitter
> while the 140D was nominally a 60 Watt transmitter. The power supply used a
> vibrator for the receiver and a dynamotor for the transmitter. The Research
> Line enjoyed widespread popularity and such a long service life that most of
> them were converted to 12 volts after the auto industry switched battery
> voltage standards in 1956, and many were also converted to comply with
> "narrow band" FM requirements mandated by the FCC in the early 1960's. In
> the mid-1960's, Motorola even offered a field modification kit which
> replaced the vibrator/dynamotor power supply in the 80 and 140 series with a
> 12 Volt transistorized power supply, which included a heat sink which bolted
> to the front panel and instructions to overstrike the model number on the ID
> plate to read FMTR-140(T) or FMTR-80(T) as appropriate. The chassis used in
> these mobiles were also used in all manner of upright cabinet base stations,
> desktop base stations, repeaters and so forth
>
> --
> Bill -www.wbnoble.com

Wow. the 80D was the first 2 meter fm rig I ever owned. Got it from
Western Electric via local radio club. Installed in our 1963 Plymouth
Valiant. Seemed like it took up most of the trunk space. I think it
was dual channel, but that was not a problem as there was only one FM
repeater in Portland at that time. One channel repeater and one
simplex. Ah, those were the days!

Paul, KD7HB

559. Re: Collins R-188/51J-3 S-Meter Problem and Cure

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-01 21:27:49 UTC
From: Joe <joe@falseaddress2004.net>
Message-ID: <joe-189B54.16274901082010@free.teranews.com>
Source record: 1029

Thanks for the tip, Richard. I will look for this issue next time my
R-388 has its turn at the main listening position.

73,
Joe

In article <ZtCdnbvuNfTXotPRnZ2dnUVZ_h-dnZ2d@earthlink.com>,
"Richard Knoppow" <dickburk@ix.netcom.com> wrote:

> I recently aquired an R-388. Its in good condition but
> I found the S-meter read very low. From the entries in the
> archives of the Collins Collector's List this seems fairly
> common. I found that the problem was R-163, a 160ohm
> resistor in series with the meter, it had increased in value
> to over 200ohms. After replacing it with a good 160ohm film
>
(snip)

560. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-02 20:06:27 UTC
From: Ian Jackson <ianREMOVETHISjackson@g3ohx.demon.co.uk>
Message-ID: <lAWYioNDVyVMFwmt@g3ohx.demon.co.uk>
Source record: 1030

```
In message <i31loq$rku$1@speranza.aioe.org>, olfart
<olfart65@excite.com> writes
>
>"Antonio Vernucci" <vernucci@tin.it> wrote in message
>news:4c53d536$0$18660$4fafbaef@reader3.news.tin.it...
>> "Bob Smits" <bob@rsmits.ca> ha scritto nel messaggio
>> news:HbmdncivItyZOM7RnZ2dnUVZ_uqdnZ2d@islandhosting.com...
>>> Edmund H. Ramm wrote:
>>>
>>>> In <4c5203a1$0$31377$4fafbaef@reader1.news.tin.it> "Antonio Vernucci"
>>>> <vernucci@tin.it> writes:
>>>>
>>>>> [...]
>>>>> I have a diagram dated 1953 in which M still represents 1000. In
>>>>> that diagram they use MF for microfarad
>>>>> [...]
>>>>
>>>> There are also diagrams where m (milli, 10^-3) is used to
>>>> represent mikro (10^-6). Even worse and confusing are those, where
>>>> mmF gets used when pF (pico, 10^-12) is meant.
>>>
>>> Huh? What's confusing about micro-micro farads? :-):-)
>>> --
>>> Robert (Bob) Smits, VE7HS & Linux Fan
>>
>>
>> Among the odd markings:
>>
>> - in the 60ies it was fairly common to use kpF (kilopicofarad) to mean nF
>> (nanofarad)
>> - in the 30ies, German power mica capacitors were marked in centimeters
>> (cm). 1 cm is equal to about 1.1 pF
>>
>> 73
>>
>> Tony I0JX
>>
>
>and cps instead of Hertz
>Ah...those were the good ol' days
>
But cps and c/s are still valid and understandable units of frequency.
```

If I recall correctly, when it was first proposed that we use the
'continental' Hertz, the Hz was supposed to be only for electrical
units. Therefore, the electrical drive to a loudspeaker would be in Hz,
but the movement of the cone would be in c/s.
--
Ian

561. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-02 20:10:21 UTC
From: Ian Jackson <ianREMOVETHISjackson@g3ohx.demon.co.uk>
Message-ID: <RgdVaOOtYyVMFwCr@g3ohx.demon.co.uk>
Source record: 1031

In message <4c55748b$0$18990$4fafbaef@reader5.news.tin.it>, Antonio
Vernucci <vernucci@tin.it> writes
>> Well, "m" is reserved for "milli". Using a QWERTY typewriter (remember
>> them?) or ASCII computer keyboard IMO "u" is the better substitute for
>> "micron". But "p" and "n" are on all those keyboards. So there was/is
>> no need for the above "mmF" construct, or awkward notations like .005uF
>> when 5nF would say it much nicer.
>>
>> 73, Eddi ._._.
>> --
>
>Yes, but for some reason 5nF was not of common use before about 25
>years ago. .005uF or 5kpF was the standard, who knows why..
>
For some reason, Americans find the British use of 'puff' and 'puffs'
(the colloquial 'pronunciation' of 'pF') highly amusing!
--
Ian

562. Re: Odd resistors identification

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-02 22:12:54 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1008021811330.9369@darkstar.example.net>
Source record: 1032

On Mon, 2 Aug 2010, Ian Jackson wrote:

> In message <4c55748b$0$18990$4fafbaef@reader5.news.tin.it>, Antonio Vernucci
> <vernucci@tin.it> writes
>>> Well, "m" is reserved for "milli". Using a QWERTY typewriter (remember
>>> them?) or ASCII computer keyboard IMO "u" is the better substitute for
>>> "micron". But "p" and "n" are on all those keyboards. So there was/is
>>> no need for the above "mmF" construct, or awkward notations like .005uF
>>> when 5nF would say it much nicer.
>>>
>>> 73, Eddi ._._.
>>> --
>>
>> Yes, but for some reason 5nF was not of common use before about 25 years
>> ago. .005uF or 5kpF was the standard, who knows why..
>>
> For some reason, Americans find the British use of 'puff' and 'puffs' (the
> colloquial 'pronunciation' of 'pF') highly amusing!

I think the reality is that many/most of us do look at "pf" and "rtty" and turn it into a real word. But we generally keep it to ourselves.

Only when someone else blurted out "puff" or "ritty" did I realize I wasn't the only one who did it. I simply wasn't the one who said it out loud.

Michael VE2BVW

k

563. Re: Collins R-188/51J-3 S-Meter Problem and Cure

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-03 15:43:12 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <Ld2dnTeVs9ekpMXRnZ2dnUVZ_uKdnZ2d@earthlink.com>
Source record: 1033

"Joe" <joe@falseaddress2004.net> wrote in message
news:joe-189B54.16274901082010@free.teranews.com...
> Thanks for the tip, Richard. I will look for this issue
> next time my
> R-388 has its turn at the main listening position.
>
> 73,
> Joe

It was interesting that the problem turned out to be so
simple after some tail chasing.
I've checked the meter performance since replacing the
resistor. The R-388 meter does not have an absolute
reference, rather it indicates the level above the AVC
threshold. The handbook states this as being about 3 uV on
all bands except No.1 where it is higher. I think this
probably varies somewhat with the particular tubes in the
set and also probably from band to band. On my test, made at
about 4 mhz and checked at about 10 mhz, I found the
threshold to be about 2.5uV
On my receiver the scale is fairly linear up to about
60db and above that is compressed but the meter will go off
scale with enough input. The saturation point seems to be
about 300 to 500 milivolts on bands higher than No.1. Didn't
check it there.
I found that there is a rough correspondence between the
audio decibel scale and S-units assuming S-9 = 50uv
0 RF = about S-4.5
Audio scale
S-7 = -1db
S-8 = -4db
S-9 = -2db
S-9+10db = 0db
S-9+20 = +2db
S-9+30 = +3db
S-9+40 = +4db

At least gives you a sort of reference since S units are
not very exact anyway. Note that the audio level scale is
not co-incident with the RF scale so the level differences
in db don't match. The numbers are simply easier to spot
than those on the RF scale plus the audio scale is uppermost
for some reason.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

564. Porsche Design Watch cheapsale <free shipping paypal payment> (http://

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-04 07:58:50 UTC
From: "www.sneaker-shop08.com" <yijeans3@163.com>
Message-ID: <c9e49909-2c1f-43fa-addf-f0b9397e601a@h40g2000pro.googlegroups.com>
Source record: 1034
Cross-posted to: rec.radio.amateur.boatanchors,rec.music.artists.debbie-gibson

Ferrari Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Franck Muller Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Girard Perregaux Watch <free shipping paypal payment> (http://
www.brandtrade99.com/)
Glashutte Watch <free shipping paypal payment> (http://
www.brandtrade99.com/)
Graham Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
GUCCI Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
GUESS Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Hamilton Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Hermes Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Hublot Watch cheapsale <free shipping paypal payment> http://www.brandtrade99.com/)
IWC Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Jaeger Le Coultre Watch cheapsale <free shipping paypal payment>
(http://www.brandtrade99.com/)
Longines Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
LV Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Montblanc Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Movado Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Omega Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Oris Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Paket Philippe Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Panerai Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)
Parmigiani Fleurier Watch cheapsale <free shipping paypal payment>
(http://www.brandtrade99.com/)
Piaget Watch cheapsale <free shipping paypal payment> (http://
www.brandtrade99.com/)

Porsche Design Watch cheapsale <free shipping paypal payment> (http://www.brandtrade99.com/)
Rolex Watch cheapsale <free shipping paypal payment> (http://www.brandtrade99.com/)
Romain Jerome Titanic-Dna Watch cheapsale <free shipping paypal payment>(http://www.brandtrade99.com/)
Tag Heuer Watch cheapsale <free shipping paypal payment> (http://www.brandtrade99.com/)
Tudor Watch cheapsale <free shipping paypal payment> (http://www.brandtrade99.com/)
Vach.Constantine Watch cheapsale <free shipping paypal payment> (http://www.brandtrade99.com/)

565. FS: Collins 51S-1 short wave receiver in excellent condition

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-04 15:00:12 UTC
From: servis_za_elektroniku@yahoo.com
Message-ID: <5afc826d-121a-4fab-9d69-218a9aaf1909@y11g2000yqm.googlegroups.com>
Source record: 1035
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,alt.ham-radio.marketplace,it.hobby.radioamatori,dk.fritid.hamradio

Listed on eBay. Check pictures and description on my eBay store:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&Item=360277603010

566. FS: Spare parts for Collins 51S-1 short wave receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-04 15:02:35 UTC
From: servis_za_elektroniku@yahoo.com
Message-ID: <a29fc941-4af9-4356-9815-8678998426d9@k19g2000yqc.googlegroups.com>
Source record: 1036
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,alt.ham-radio.marketplace,it.hobby.radioamatori,dk.fritid.hamradio

All are listed in my eBay store

Click here ======>> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&Item=360277603010

567. Re: "tiger Radio" Tr200 Coils

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-04 17:47:45 UTC
From: richard8123 <richard8123.69f9b68@radiobanter.com>
Message-ID: <richard8123.69f9b68@radiobanter.com>
Source record: 1038

richard8123;713920 Wrote:
> I have six coils for the TR200. I'm asking £10 which includes UK
> postage. Rich

I sold them now.

--
richard8123

568. Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-04 21:08:05 UTC
From: Charlie Stokes <wb4pvt@verizon.net>
Message-ID: <6e993157-6b65-4549-a8d5-64ead04d9a84@u26g2000yqu.googlegroups.com>
Source record: 1037

I have some old manual that's going in the trash, if you need one let
me know.
Just pay for the postage.

Signal Generator SG-823/URM-144
Radio Trans. T-278/U & T-416/GR
Motorola Research Line, Mocom-70, Maxar 68P81028E75-B, C.B. Radio
68P03202A65-O
Collins 32RS-1, 32RA
RF Comm. RF-401-2

73'
WB4PVT
Charlie
wb4pvt@arrl.net

569. More Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-05 00:05:43 UTC
From: Charlie Stokes <wb4pvt@verizon.net>
Message-ID: <91416a42-f57f-4acd-ae7b-55891680c3d7@x21g2000yqa.googlegroups.com>
Source record: 1039

I have some old manual that's going in the trash, if you need one let
me know.
Just pay for the postage.

Signal Generator SG-823/URM-144

Radio Trans. T-278/U & T-416/GRRF Comm. RF-401-2

Motorola Research Line FMTR-80-12D-C2R2; 68P820640

Motorola Research Line Mobile; 63P839364

Motorola Research Line FMTR-80B-C2R2; 63E810563

Motorola MCR-104

Motorola C.B. Radio; 68P03202A10

Motorola Maxar; 68P81028E75-B

Motorola Mocom-70; 68P81011E30-A

Collins 32RS-1

Collins 32RA Model 8

RF Comm. RF-401-2, RF-403-2, RF-404-3; IM-1000

Radio Freq. Wattmetter AN/VRM-43A, 43B,43C

R390 (TM 11-856/TO) (31R1-2URR-154)

GE Voice Commander; LBI-3350A

Lampkin Type 205A Modulation Metter

Surplus Radio Conversion Manual
701-1
AN/APN-1
AN/CRC-7
AN/URC-4
ARA
BC-442, 453-455, 456-459, 603, 696, 950, 1066, 1253
CRY-29125, 50083, 50141, 52208-11, 52232, 52302-09
FT-241A
BMF (COL-43065)
MD-7/ARC-5
R-9/APN-4
R23-R28/ARC-5

RAT, RAV
RM-52(53)
RT-19/ARC-4
SCR-274N
SCR-522
T-15/ARC-5 thru T-23/ARC-5

73'
WB4PVT
Charlie
wb4pvt@arrl.net

570. WTB: B&W 5100 Modulator Subchassis and HV Transformer

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-05 04:09:51 UTC
From: KJ4RGH <KJ4RGH.69fefc8@radiobanter.com>
Message-ID: <KJ4RGH.69fefc8@radiobanter.com>
Source record: 1040

Anyone parting out a Barker & Williamson 5100? I am looking for the modulator subchassis and hv transformer.

Thanks

--
KJ4RGH

571. Re: Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-05 15:32:53 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <i3elj5$q39$1@news.eternal-september.org>
Source record: 1041

On 08/04/2010 02:08 PM, Charlie Stokes wrote:
> I have some old manual that's going in the trash, if you need one let
> me know.
> Just pay for the postage.
>
> Signal Generator SG-823/URM-144
> Radio Trans. T-278/U& T-416/GR
> Motorola Research Line, Mocom-70, Maxar 68P81028E75-B, C.B. Radio
> 68P03202A65-O
> Collins 32RS-1, 32RA
> RF Comm. RF-401-2
>
>
> 73'
> WB4PVT
> Charlie
> wb4pvt@arrl.net
DO NOT THROW THAT STUFF AWAY! IT GETS MORE VALUABLE BY THE DAY.
I will take it if it is in the states and postage is reasonable.
Bill Baka

572. Re: More Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-05 15:35:13 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <i3elnh$q39$2@news.eternal-september.org>
Source record: 1042

On 08/04/2010 05:05 PM, Charlie Stokes wrote:
> I have some old manual that's going in the trash, if you need one let
> me know.
> Just pay for the postage.
>
>
> Signal Generator SG-823/URM-144
>
> Radio Trans. T-278/U& T-416/GRRF Comm. RF-401-2
>
> Motorola Research Line FMTR-80-12D-C2R2; 68P820640
>
> Motorola Research Line Mobile; 63P839364
>
> Motorola Research Line FMTR-80B-C2R2; 63E810563
>
> Motorola MCR-104
>
> Motorola C.B. Radio; 68P03202A10
>
> Motorola Maxar; 68P81028E75-B
>
> Motorola Mocom-70; 68P81011E30-A
>
> Collins 32RS-1
>
> Collins 32RA Model 8
>
> RF Comm. RF-401-2, RF-403-2, RF-404-3; IM-1000
>
> Radio Freq. Wattmetter AN/VRM-43A, 43B,43C
>
> R390 (TM 11-856/TO) (31R1-2URR-154)
>
> GE Voice Commander; LBI-3350A
>
> Lampkin Type 205A Modulation Metter
>
> Surplus Radio Conversion Manual
> 701-1
> AN/APN-1
> AN/CRC-7
> AN/URC-4
> ARA

> BC-442, 453-455, 456-459, 603, 696, 950, 1066, 1253
> CRY-29125, 50083, 50141, 52208-11, 52232, 52302-09
> FT-241A
> BMF (COL-43065)
> MD-7/ARC-5
> R-9/APN-4
> R23-R28/ARC-5
> RAT, RAV
> RM-52(53)
> RT-19/ARC-4
> SCR-274N
> SCR-522
> T-15/ARC-5 thru T-23/ARC-5
>
>
>
>
> 73'
> WB4PVT
> Charlie
> wb4pvt@arrl.net

Like I said, I will take it depending on the postage. It should fit in
one box and ship for book rate.
Bill Baka
1668 Ash Way
Marysville, Ca.
95901
I have a visa debit card I can pay you with or just send a money order.
Bill

573. Motorola PF849M

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-05 20:42:30 UTC
From: Charlie Stokes <wb4pvt@verizon.net>
Message-ID: <5d1dd886-897e-4c39-93f7-f2487d874ac4@s9g2000yqd.googlegroups.com>
Source record: 1043

Again just pay for the postage.

WB4PVT
Charlie
wb4pvt@arrl.net

574. Motorola PF849M

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-05 20:45:35 UTC
From: Charlie Stokes <wb4pvt@verizon.net>
Message-ID: <e2a62916-3074-42a3-8a13-141e4e439986@i31g2000yqm.googlegroups.com>
Source record: 1044

I have a Motorola PF849M, P/N 0182739T01, need some work and without
the case.
It's a 800Mhz. preamp.

Again Just pay postage.

WB4PVT
Charlie
wb4pvt@arrl.net

575. Re: More Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-09 11:55:10 UTC
From: hleveque <hleveque.6a5de89@radiobanter.com>
Message-ID: <hleveque.6a5de89@radiobanter.com>
Source record: 1045

Charlie Stokes;714650 Wrote:
> I have some old manual that's going in the trash, if you need one let
> me know.
> Just pay for the postage.
>
> Hi Charlie
> I am interested in the R-390 (non A) manuals. Please advise to
> hleveque@verizon.net
> Thanks, Howard

--
hleveque

576. Re: an/grr-5

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-10 04:27:26 UTC
From: KD8HMO <rburwell@bright.net>
Message-ID: <8bednZEuW4y6SP3RnZ2dnUVZ_vWdnZ2d@bright.net>
Source record: 1046

Call Fair Radio Sales in Lima Ohio. They usually have that radio on hand.

"Alfred" <Alfred.69a0108@radiobanter.com> wrote in message
news:Alfred.69a0108@radiobanter.com...
>
> Anyone have any units, parts or accessories for this an/grr-5. I am in
> need of the cable that connects the 2 units together........
>
>
>
>
> --
> Alfred

577. What's the metal cap on top of CX301A tube for ?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-10 23:53:14 UTC
From: xcalibur <xcalibur.6a7d8c8@radiobanter.com>
Message-ID: <xcalibur.6a7d8c8@radiobanter.com>
Source record: 1047

Recently acquired a vintage 1927 A****er-Kent Model 33 TRF radio.
It has six identical CX301A tubes with one exception: Tube#4, which I
believe to be the final tube of the TRF section (input to the two AF
tubes),
has a heavy chrome cap over the top of it. This cap is supported by a
couple felt pads between the cap and the top of the tube. There appears
to be no provision to ground this to the chassis (and use as a shield).
Was/is there a function of this cap, or was it just a cosmetic thing ?
Did all the tubes originaly have these caps ?

PS: Why does the name "A****er" appear with stars between it ?
(Word Police: Please fix the censor pgm to allow the A-K name, there's
nothing vulgar about it.)

--
xcalibur

578. Re: What's the metal cap on top of CX301A tube for ?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-11 10:18:03 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <i3tt8f02p2d@news7.newsguy.com>
Source record: 1048

It is to dampen microphonics caused by physical vibration. Usually used
on the detector tube.

-Bill

xcalibur wrote:
> Recently acquired a vintage 1927 A****er-Kent Model 33 TRF radio.
> It has six identical CX301A tubes with one exception: Tube#4, which I
> believe to be the final tube of the TRF section (input to the two AF
> tubes),
> has a heavy chrome cap over the top of it. This cap is supported by a
> couple felt pads between the cap and the top of the tube. There appears
> to be no provision to ground this to the chassis (and use as a shield).
> Was/is there a function of this cap, or was it just a cosmetic thing ?
> Did all the tubes originaly have these caps ?
>
> PS: Why does the name "A****er" appear with stars between it ?
> (Word Police: Please fix the censor pgm to allow the A-K name, there's
> nothing vulgar about it.)
>
>
>
>

579. Re: More Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-12 01:28:48 UTC
From: haywireman <haywireman.6a92a49@radiobanter.com>
Message-ID: <haywireman.6a92a49@radiobanter.com>
Source record: 1049

Charlie Stokes;714650 Wrote:
> I have some old manual that's going in the trash, if you need one let
> me know.
> Just pay for the postage.
>
>
> Surplus Radio Conversion Manual
> 701-1]

It looks to me like Bill wants it all, but if not, I would like the
Surplus Radio Conversion Manual, thanks.
John C. Harry

--
haywireman

580. Help with Collins tuner

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-12 19:12:06 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c644783$0$31374$4fafbaef@reader1.news.tin.it>
Source record: 1050

Does somebody know the antenna the tuner shown in:

http://www.qsl.net/i0jx/tuner.jpg

It was built by the French company CIT, but it clearly is a Collins tuner, with two vacuum variable capacitors and two fixed ones.

Any information would be appreciated, especially the Collins model number and (dream!) the schematic diagram

Thanks & 73

Tony I0JX
Rome, Italy

581. More Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-12 19:14:16 UTC
From: Charlie Stokes <wb4pvt@verizon.net>
Message-ID: <9e3c8cbd-c629-4a50-af27-3f41c0b2d7fd@l14g2000yql.googlegroups.com>
Source record: 951

I have some old manual that's going in the trash, if you need one let
me know. Just pay for the postage.

Wilcom Test Set Model T105B
Hewlett Packard Time/Counter 5304A
NEC Transmission Test Set Model 15B
Sierra T1 Span Rep. Test Set SOM-315A
Beckman Eput Meter Models 3255-3 & 3255-4

Charlie
wb4pvt
wb4pvt@verizon.net

582. Re: Help with Collins tuner

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-16 03:05:25 UTC
From: David Thompson <thompson@mindspring.com>
Message-ID: <YZOdncrNCYFkN_XRnZ2dnUVZ_gadnZ2d@earthlink.com>
Source record: 952

Tony,

Have you tried the Collins reflector? Looks like one either made for or
adapted for the military.
Dave K4JRB

"Antonio Vernucci" <vernucci@tin.it> wrote in message
news:4c644783$0$31374$4fafbaef@reader1.news.tin.it...
> Does somebody know the antenna the tuner shown in:
>
> http://www.qsl.net/i0jx/tuner.jpg
>
> It was built by the French company CIT, but it clearly is a Collins tuner,
> with two vacuum variable capacitors and two fixed ones.
>
> Any information would be appreciated, especially the Collins model number
> and (dream!) the schematic diagram
>
> Thanks & 73
>
> Tony I0JX
> Rome, Italy
>

583. Mods for Heathkit RA1 Amateur bands Rx

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-16 09:08:52 UTC
From: uksimon <uksimon.6aec4a9@radiobanter.com>
Message-ID: <uksimon.6aec4a9@radiobanter.com>
Source record: 953

Does anyone know of any modifications for the Heathkit RA1 Rx? This was
amateur bands rx only available in the UK.

--
uksimon

584. Re: Mods for Heathkit RA1 Amateur bands Rx

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-16 14:31:51 UTC
From: Roger Basford <Roger@new-gate.co.uk>
Message-ID: <sNSdnR71mLJE1vTRnZ2dnUVZ8tidnZ2d@brightview.co.uk>
Source record: 954

On 16/08/2010 10:08, uksimon wrote:
> Does anyone know of any modifications for the Heathkit RA1 Rx? This was
> amateur bands rx only available in the UK.
>
>
>
>

I believe that the RA-1 was very similar to the US-built Heathkit HR-10B, except that the RA-1 has British valves and 160m coverage, so a search on Mods for the HR-10B might be useful? The HR-10B is popular with DX-60B transmitter owners too, so that increases the knowledge base a bit.

73

Roger

585. Meters for sale (LOTS OF THEM)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-17 01:50:05 UTC
From: Eugene Rippen <soundval@muchstuff.com>
Message-ID: <Xns9DD6BF93C53C7er7373@69.16.186.8>
Source record: 955

20 meters this time (I have about 500 more.).
All have tested good movements.
Shipping will be calculated based on 14 lbs.
PayPal and USPS money orders are like cash.
Personal checks, I wait to see if they are honored.

I also have about 500 more which today at this time I will sell them ALL
at the rate of $4 each.
The list of them is at
http://www.muchstuff.com/meters/metersfs.htm
My estimate is that i can get them down to about 20 file size boxes, and
about 350 lbs.

I am not offering these meters individually at this time.
They are in a storage a few mile from here.

500 are round and square and large and small, and the list at
http://www.muchstuff.com/meters/mtrsfs.htm is better than 98% accurate,
but these 20 are part of that list.
These 20 below were in one carton I picked at random.)

Eugene Rippen, WB6SZS
Auburn, CA
soundval@muchstuff.com

(Since some of these require 1/8 inch over 2 inch diameter holes,
I don't measure each one, I just say 2 1/8 inches.)

WESTON 506 meter 25 DCma & 100 & 200 scales also.
WESTON 506 meter. Scale is 25, 100 & 200 DCma.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0576.jpg

GE 8AW41 meter Scale is 15 V. AC-DC
Type AW-41. Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0579.jpg

GE 8DW552ACE8 meter 2 A. RF
Type DW-52. Thermocouple. Scale is 2 A. RF. Works.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0580.jpg

Roller-Smith meter 50 DC microA. & DB scale.
Model DOHRG. 5000 ohms. Also has a DB scale: -4 to 0 to 3 dB. Sealed.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m058.jpg

Westinghouse meter. Scale is 300 DCma.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0581.jpg

Roller-Smith meter. Scale is 300 DCV.
Type: DDHR
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0582.jpg

GE 8DW41 meter scale is 200 DCma
Type DW-41.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0577.jpg

Simpson meter. Scale is 50 VDC
Note that the bezel is shaved on the right side.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0578.jpg

Westinghouse meter. Scale is 300 DCma.
Style: 1209738. USN Type CAY-22238A
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0575.jpg

Burlington 321 meter. 50 DCma
Sealed.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0570.jpg

Triplett 221 meter. Scale is 25 DCma
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0565.jpg

Triplett 221-T meter. Scale is 5 DCma
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0572.jpg

WESTON 507 meter. Scale is 10 RF Amps.
Scale says: "Antenna Current Indicator".
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0571.jpg

GE ABA8 meter. Scale is 200 DCma.
Type DW-41
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0574.jpg

Million meter. Tube checker scale "GOOD - BAD"
Radio Television Laboratories. This was for the tube testers that they
made
named "Million"
There is a crack at mounting hole, is picture.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0563.jpg

Westinghouse meter. Full scale is 0.25 Amps. "Antenna Current"
Type NT-33. Scale is marked 0 to 5 (no units epressed). Style 11640038.
"Antenna Current" on scale. Scale says: "F.S.= 0.25 Amps"
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0562.jpg

Triplett 221 meter. Scale is 150 DCma.
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0566.jpg

Triplett 221 2 DC Amps
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0568.jpg

WESTON 506 Meter. 500 DC ma
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0564.jpg

Phaostron Z-1183 meter. "Ruggedized - Sealed"
Scale says 0 to 9 "Nautical Miles"
Works. Panel hole should be 2 1/8 inches Diameter.
http://www.muchstuff.com/meters561-585/m0561.jpg

586. Some interesting mil-surplus "stuff" found at the Valdese meet.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-18 21:54:25 UTC
From: Ron in Radio Heaven <w4ron@carolina.rr.com>
Message-ID: <975ac25a-b387-4f6e-9d44-31aa0c6ef273@m1g2000yqo.googlegroups.com>
Source record: 956

Here's some of the "stuff" that followed me
home from the Valdese meet,
http://radioheaven.homestead.com/Valdesefinds2010.html

Even though I know I don't need, I just can't resist
bringing it home....

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html
http://cloughbrengle.homestead.com/

587. Re: Some interesting mil-surplus "stuff" found at the Valdese meet.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-19 00:01:10 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <roqdnd6H9uTW6fHRnZ2dnUVZ_vmdnZ2d@giganews.com>
Source record: 957

The BC-453 was much sought after as a tunable and sharp bandpass
(capable) IF strip for addition to a HF receiver. It
tuned the near standard (at that time) IF frequency of around 455kc (OK,
khz).
By pulling up on the doohickey on top of the 85kc IF transformers, the
primary to secondary coupling was reduced and resulted in a fairly high "Q".
"Single Signal"? Those were the days!

The LM-1 ("crystal calibrator") was, (and is) a very well built
heterodyne frequency meter. OH, how the times have changed!

Old Chief Lynn, W7LTQ since 1948

588. Re: Help with Collins tuner

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-19 10:57:24 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c6d0e15$0$18653$4fafbaef@reader3.news.tin.it>
Source record: 958

Thanks for tip.

will try there.

Tony I0JX

"David Thompson" <thompson@mindspring.com> ha scritto nel messaggio
news:YZOdncrNCYFkN_XRnZ2dnUVZ_gadnZ2d@earthlink.com...
> Tony,
>
> Have you tried the Collins reflector? Looks like one either made for or
> adapted for the military.
> Dave K4JRB
>
> "Antonio Vernucci" <vernucci@tin.it> wrote in message
> news:4c644783$0$31374$4fafbaef@reader1.news.tin.it...
>> Does somebody know the antenna the tuner shown in:
>>
>> http://www.qsl.net/i0jx/tuner.jpg
>>
>> It was built by the French company CIT, but it clearly is a Collins tuner,
>> with two vacuum variable capacitors and two fixed ones.
>>
>> Any information would be appreciated, especially the Collins model number and
>> (dream!) the schematic diagram
>>
>> Thanks & 73
>>
>> Tony I0JX
>> Rome, Italy
>>
>
>

589. Re: More Manuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-19 16:40:22 UTC
From: Vespa <Vespa.6b361e8@radiobanter.com>
Message-ID: <Vespa.6b361e8@radiobanter.com>
Source record: 960

Charlie Stokes;714650 Wrote:
> I have some old manual that's going in the trash, if you need one let
> me know.
> Just pay for the postage.
>
>
> Signal Generator SG-823/URM-144
>
> Radio Trans. T-278/U & T-416/GRRF Comm. RF-401-2
>
> Motorola Research Line FMTR-80-12D-C2R2; 68P820640
>
> Motorola Research Line Mobile; 63P839364
>
> Motorola Research Line FMTR-80B-C2R2; 63E810563
>
> Motorola MCR-104
>
> Motorola C.B. Radio; 68P03202A10
>
> Motorola Maxar; 68P81028E75-B
>
> Motorola Mocom-70; 68P81011E30-A
>
> Collins 32RS-1
>
> Collins 32RA Model 8
>
> RF Comm. RF-401-2, RF-403-2, RF-404-3; IM-1000
>
> Radio Freq. Wattmetter AN/VRM-43A, 43B,43C
>
> R390 (TM 11-856/TO) (31R1-2URR-154)
>
> GE Voice Commander; LBI-3350A
>
> Lampkin Type 205A Modulation Metter
>
> Surplus Radio Conversion Manual
> 701-1
> AN/APN-1
> AN/CRC-7
> AN/URC-4
> ARA

> BC-442, 453-455, 456-459, 603, 696, 950, 1066, 1253
> CRY-29125, 50083, 50141, 52208-11, 52232, 52302-09
> FT-241A
> BMF (COL-43065)
> MD-7/ARC-5
> R-9/APN-4
> R23-R28/ARC-5
> RAT, RAV
> RM-52(53)
> RT-19/ARC-4
> SCR-274N
> SCR-522
> T-15/ARC-5 thru T-23/ARC-5
>
>
>
>
> 73'
> WB4PVT
> Charlie
> wb4pvt@arrl.net

Hi Charlie....I'm really interested in the SCR-274N manual. I'm from Italy.

--
Vespa

590. Re: an/grr-5

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-19 18:42:22 UTC
From: ohaniazx <ohaniazx.6b361e8@radiobanter.com>
Message-ID: <ohaniazx.6b361e8@radiobanter.com>
Source record: 959

Alfred;714108 Wrote:
> Anyone have any units, parts or accessories for this an/grr-5. I am in
> need of the cable that connects the 2 units together........

Fair Radio is pretty much dried up but if you get stuck I can check to
see if I have a spare one. I made one using the right connectors from an
old radio with bad cables
Those connectors are hard to come by. Make sure your T102 transformer
has no short....common issue with Grr-5. I have 7 of them in my
inventory in various conditions...some missing the stated cable.

Z

--
ohaniazx

591. K9YA Telegraph, September 2010 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-20 18:51:54 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <BA92D071E05F46BA85209303604F8A61@GRIMES>
Source record: 961
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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September 2010 articles include:

Straight Key or Not Straight Key By Philip Cala-Lazar, K9PL

Superheterodyne Receivers - Part 2 By Paul W. Ross, W3FIS

Sounds Like A Special Event To Me By Bob Cashdollar, NR8U

What I Remember About That Day By Hank Kohl, K8DD

Another FB K9YA Field Day By Mike Dinelli, N9BOR

Ham Quips By Dick Sylvan, W9CBT

592. Buy and Sell your Tube Gear!

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-21 12:45:19 UTC
From: "Jeff James, W2NBC" <w2nbc@optonline.net>
Message-ID: <4c6fca62$0$7143$607ed4bc@cv.net>
Source record: 962

The Boatanchor Classifieds
http://www.dealamerica.com/deal/cgi-bin/ads/bcads.cgi

Dedicated to vintage Amateur Radio

593. info. on the navy rdz-1 reciever

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-24 01:46:47 UTC
From: yesteryearsound <wrightdouglas70@yahoo.com>
Message-ID: <6118ce64-6ea7-473f-99db-6e2d279640a8@z28g2000yqh.googlegroups.com>
Source record: 963

Just purchased a navy RDZ-1 reciever, need info on its freq. range,
any manuals available, antenna hookup.
i have been able to power it up and i attach long wire ant. to scan
connection and i recieve WWV.
What was it used for? ship to ship, ship to shore?
any info would help

594. Re: info. on the navy rdz-1 reciever

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-24 13:23:39 UTC
From: Northe <nkosbrink@yahoo.com>
Message-ID: <f8b12c48-100e-411b-9f05-cfc0e60f7c00@q40g2000prg.googlegroups.com>
Source record: 964

On Aug 23, 6:46 pm, yesteryearsound <wrightdougla...@yahoo.com> wrote:
> Just purchased a navy RDZ-1 reciever, need info on its freq. range,
> any manuals available, antenna hookup.
> i have been able to power it up and i attach long wire ant. to scan
> connection and i recieve WWV.
> What was it used for? ship to ship, ship to shore?
> any info would help

The RDZ is a circa 1944 shipboard receiver covering 225-400 MHz, with manual tuning or 10-channel autotune, AM only, It is also called the CNA-46275 unit of RDZ. If I'm not confused, that receiver, paired with the TDZ transmitter, was used for short range ship-to-ship communication

Information sheet is at <http://amfone.net/Amforum/index.php?topic=23596.0> (scroll down to the bottom of the page).

Northe
N6KO

595. Re: info. on the navy rdz-1 reciever

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-24 15:24:00 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1008241123330.6437@darkstar.example.net>
Source record: 965

On Tue, 24 Aug 2010, Northe wrote:

> On Aug 23, 6:46 pm, yesteryearsound <wrightdougla...@yahoo.com> wrote:
>> Just purchased a navy RDZ-1 reciever, need info on its freq. range,
>> any manuals available, antenna hookup.
>> i have been able to power it up and i attach long wire ant. to scan
>> connection and i recieve WWV.
>> What was it used for? ship to ship, ship to shore?
>> any info would help
>
> The RDZ is a circa 1944 shipboard receiver covering 225-400 MHz, with
> manual tuning or 10-channel autotune, AM only, It is also called the
> CNA-46275 unit of RDZ. If I'm not confused, that receiver, paired
> with the TDZ transmitter, was used for short range ship-to-ship
> communication
>
>
So it's IF must be 10MHz, to explain the reception of WWV?

Michael VE2BVW

> Information sheet is at <http://amfone.net/Amforum/index.php?
> topic=23596.0> (scroll down to the bottom of the page).
>
> Northe
> N6KO
>

596. Re: info. on the navy rdz-1 reciever

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-24 18:25:22 UTC
From: kludge@panix.com
Message-ID: <i512qi$v6$1@panix2.panix.com>
Source record: 966

Northe <nkosbrink@yahoo.com> wrote:
>On Aug 23, 6:46=A0pm, yesteryearsound <wrightdougla...@yahoo.com> wrote:
>> Just purchased a navy RDZ-1 reciever, need info on its freq. range,
>> any manuals available, antenna hookup.
>> i have been able to power it up and i attach long wire ant. to scan
>> connection and i recieve WWV.
>> What was it used for? ship to ship, ship to shore?
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>The RDZ is a circa 1944 shipboard receiver covering 225-400 MHz, with
>manual tuning or 10-channel autotune, AM only, It is also called the
>CNA-46275 unit of RDZ. If I'm not confused, that receiver, paired
>with the TDZ transmitter, was used for short range ship-to-ship
>communication

You should be able to hear local military airports on the thing, and
all manner of military comms. You may be able to hear some of the UHF
satellites although most of that is now encrypted voice.

I believe that this unit may have some spur leakage and I would check
that out with a spectrum analyzer before connecting up and antenna. You
do NOT want to be dumping spurs into the 225-400 band.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

597. Re: info. on the navy rdz-1 reciever

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-25 13:42:13 UTC
From: Northe <nkosbrink@yahoo.com>
Message-ID: <fe57bc4e-7cc5-4885-a5c8-7ca31bebd6ba@h17g2000pri.googlegroups.com>
Source record: 967

Michael,

>
> So it's IF must be 10MHz, to explain the reception of WWV?
>
>   Michael VE2BVW
>

Actually, the IF is _supposed_ to be 15.5 MHz -- there may be some
calculation that would explain reception at 15 MHz???

Northe
N6KO

598. FS: Spare parts for Collins 51S-1 short wave receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-08-26 19:12:47 UTC
From: servis_za_elektroniku@yahoo.com
Message-ID: <ca7539ba-51ae-4665-88eb-65a74337fd9d@m1g2000yqo.googlegroups.com>
Source record: 968
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,alt.ham-radio.marketplace,it.hobby.radioamatori,dk.fritid.hamradio

For complete list check my store

www.fm-tx.com

or click here --------->
http://stores.ebay.com/fm-tx_Collins-51S-1_W0QQ_fsubZ10946998QQ_sidZ94494572QQ_trksidZp4634Q2ec0Q2em322

599. Believe it or not we finally have the cause of Gravity !

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-01 14:58:36 UTC
From: fitz <zeusrdx@yahoo.com>
Message-ID: <7e243b7a-b782-4c94-a2e8-fa09dbc9c967@m1g2000yqo.googlegroups.com>
Source record: 969

Believe it or not we finally have the cause of Gravity !

A correct theory of gravity will show us these four (4) things:

1. It will show us why gravity also acts like acceleration (principle of equvalence).
2. It will show us the actual cause of gravity.
3. It will show us why gravitational mass and inertial mass are identical.
4. It will show us the speed of gravitational attraction.

Newton said gravity was acting at a much faster speed than Einstein. Which one of them was right?

http://www.amperefitz.com/why.we.have.gravity.htm

Click that link above to read the latest about Gravity.

600. K9YA Telegraph, Oct 2010 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-01 15:10:46 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <F27263E54F7B4871AF10DBD3C61A9B0E@GRIMES>
Source record: 970
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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http://www.k9ya.org

October 2010 articles include:

Turner Calling By Philip Cala-Lazar, K9PL

Weak Signal Communications By Paul W. Ross, W3FIS

The Green Ham Radio By Cliff Cheng, Ph.D., AC6C

Wireless Spark Revisited By Joe Medsker, K8LKC

Airship USS Los Angeles By Mike Dinelli, N9BOR

Ham Quips By Dick Sylvan, W9CBT

601. FA. Working, complete BC-348-R US Army-Air Force receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-04 22:47:15 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <737c88a8-4032-46ac-8c7e-c953ce1b6ce1@v41g2000yqv.googlegroups.com>
Source record: 971

Need to focus on my main interest, civilian tube radios, so this item
has to go! See eBay
http://cgi.ebay.ca/ws/eBayISAPI.dll?ViewItem&item=150489333628&ssPageName=STRK:MESELX:IT
eBay item number: 150489333628
Cheers,
Roger

602. For those who pay interst

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-05 20:19:19 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c83fb46$0$31380$4fafbaef@reader1.news.tin.it>
Source record: 972

Having devoted a significant amount of time to thoroughly understanding the ART-13 functioning and putting it in operating conditions, I wrote an essential - though detailed - guide for those not wishing to read the 400-page maintenance book which is not very explanatory and contains a lot of unnecessary information for ham radio purposes.

"All What You Need to Know to Put an ART-13 Transmitter in Operating Conditions, Paired to a BC-348 Receiver"

http://www.qsl.net/i0jx/ART-13_BC-348.pdf

In the paper you will also find:

- building an AC power supply for the ART-13
- fully reversible modification for zero-beating the transmit carrier on the receive signal
- fully reversible modification for avoiding the transmit relay to loudly chatter when operating CW
- matching 50-ohm antennas on the low frequency bands
- building an AC power supply for the BC-348
- building an no-zero drift S-meter for the BC-348 receiver

73

Tony I0JX
Rome, Italy

603. For those paying interest on the ART-13 transmitter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-05 20:21:26 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c83fbc4$0$31371$4fafbaef@reader1.news.tin.it>
Source record: 973

Sorry, the title was not complete.

73

Tony I0JX

604. Re: For those who pay interst

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-07 19:50:54 UTC
From: wb4jtt@yahoo.com
Message-ID: <6p5d869tn5pgo50lfgpk3nd2fjv8ldafcs@4ax.com>
Source record: 974

Tony,

Wow, what a great document! Thanks very much.

73, Dave WB4JTT

On Sun, 5 Sep 2010 22:19:19 +0200, "Antonio Vernucci"
<vernucci@tin.it> wrote:

>Having devoted a significant amount of time to thoroughly understanding the
>ART-13 functioning and putting it in operating conditions, I wrote an
>essential - though detailed - guide for those not wishing to read the 400-page
>maintenance book which is not very explanatory and contains a lot of unnecessary
>information for ham radio purposes.
>
>"All What You Need to Know to Put an ART-13 Transmitter in Operating Conditions,
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>
>In the paper you will also find:
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>- building an AC power supply for the ART-13
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>- fully reversible modification for avoiding the transmit relay to loudly
>chatter when operating CW
>- matching 50-ohm antennas on the low frequency bands
>- building an AC power supply for the BC-348
>- building an no-zero drift S-meter for the BC-348 receiver
>
>73
>
>Tony I0JX
>Rome, Italy

605. K9YA Telegraph - FREE "CW, The Fun Mode" brochure for clubs and individuals

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-08 19:28:39 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <B54B07D396C048AB99E7B978D382D798@GRIMES>
Source record: 975
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

CW, The Fun Mode - A New, Free, Brochure for Clubs

The staff at the K9YA Telegraph is pleased to announce its new publication CW, The Fun Mode.

CW, The Fun Mode is a three-fold, full-color, brochure targeted at newly licensed and upgraded amateur radio operators. The brochure highlights the many joys and advantages of Morse operation and suggests routes to its acquisition.

CW, The Fun Mode features a cartoon by K9YA Telegraph cartoonist Dick Sylvan, W9CBT, and offers a selection of notable CW quotations.

CW, The Fun Mode is available, free, to clubs and individuals. The brochure includes a space for clubs to add their own contact information.

CW, The Fun Mode may be downloaded at:

http://www.k9ya.org/downloads/K9YA-CW%20Brochure.pdf

Subscribe FREE to the K9YA Telegraph

http://www.k9ya.org

606. FS: 400 working meters.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-10 21:43:32 UTC
From: Eugene Rippen <soundval@muchstuff.com>
Message-ID: <Xns9DEF95C6F9B0Eer7373@69.16.186.8>
Source record: 976

There are over 400 meters in my rented storage.
I wish to now relinquish my proprietary rights to them.
For a small sum of money, someone else can become their master.
SO!.............. for a mere $995, or best offer, plus shipping, off they
go.
The movements for each of these works.
Small side issue: I estimate they can be packed in about 12 to 15 cartons,
and their total weight will be about 280 pounds. I will agree to pay for
any
amount over 300 pounds. (Considering the
total amount paid, I might agree to deliver, but only after receiving
payment in full.)

The list is at:
http://www.muchstuff.com/meterbrand.htm
Please be patient - its slow to appear.

Eugene Rippen, WB6SZS
Auburn, CA 95603

607. wanted: Drake L4 L4B L7 power supply parts

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-15 15:04:50 UTC
From: Evan <k9sqg@arrl.net>
Message-ID: <22e4e135-c219-4161-a9d1-3f052a5ebb88@a30g2000vbt.googlegroups.com>
Source record: 977

Looking for the "rails" that are used to mount the power supply boards for the capacitors and diodes in the Drake linear amplifier power supplies. Perhaps you have done the Harbach or HeathkitShop retrofits and have some extra rails. I don't need the boards, capacitors, etc., since I have all the new parts but I do need several of those metal rails if you have some available. If so, please let me know how many you have and what the total, shipped cost would be.

Thanks for reading the post and enjoy those Drakes. And don't forget the Drake nets on 40 and 75 meters.

73,

Evan, K9SQG

608. News article: - - Phase Coherence is the reason for the binding attractive force in ALL the 4 fundamental forces, Proof of this is in the following:

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-17 16:47:31 UTC
From: fitz <zeusrdx@yahoo.com>
Message-ID: <d3ae3ea6-7efe-428c-bfb0-cbaedc99c04e@c13g2000vbr.googlegroups.com>
Source record: 978

News article: - - Phase Coherence is the reason for the binding attractive force in ALL the 4 fundamental forces, Proof of this is in the following:

Our space is built up by the average amount elements are out of phase with each other.

Repulsive forces are generated between elements that are out of phase more than this average.

While elements more in phase, than this average (phase coherence), produce attractive forces.

http://www.amperefitz.com/phase.coherence.htm

Click link above -- Science!

609. AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-18 13:42:24 UTC
From: timlad28 <timlad28.6da9a88@radiobanter.com>
Message-ID: <timlad28.6da9a88@radiobanter.com>
Source record: 979

Hi,

The R.F gain on my AR88D has to turned almost fully clockwise to hear any stations. I can pick up stations across the bands but can only hear them clearly when the R.F gain is full on. I thought the pot (R46) may have failed.
I detached the RF gain pot and tested, the pot measured from 0K to 68K. The two resistors to ground are both in tolerance.

All bath tub capacitors were replaced. I had to replace dud capacitors in the RF unit to get all bands working and the odd resistors that had gone high. Up until recently the set was working OK. Then the issue with low RF gain.

All tubes have been checked and OK. I'm endeavouring to understand the RCA wiring schematic ;-) Has anybody encountered this issue before?

Many thanks,
Tim

--
timlad28

610. Link 2m "taxi" receivers

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-18 20:26:44 UTC
From: cullen <cullenl@aol.com>
Message-ID: <a03c69c0-1d74-4d30-b505-fa9f672a7b4b@y31g2000vbt.googlegroups.com>
Source record: 980

My Basement runneth over
I have three Link model 1905 receivers.
It is your choice. Pick up and take away, Or, they go to junk.
No cost to you. I can probably find documentation.
I am about 3 miles north of Newark, DE.
Please contact directly, only the Link lovers need to know.
Regards, cullen K5HAL

611. Wilcox F3 and CW3 receivers

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-18 20:46:52 UTC
From: cullen <cullenl@aol.com>
Message-ID: <fcf457ac-ef1f-4953-ae9c-03437490da8a@m16g2000vbs.googlegroups.com>
Source record: 981

I will never get around to using these. These were desiged to fit into
a relay rack for shore stations and are 3 1/2 inches tall. Power is
110 vac.
The F3 is a fixed frequency AM receiver now on 3.00 MHz. It is
complete and I have listened to it. In storage since.
The CW3 is a fixed frequency CW receiver, it is less a coil and has
been butchered a bit.
Pick these up (no cost) or they go to junk.
I have the books, the books are in very good condition and I might
want a few bucks for them.
Please respond directly.
regards, cullen K5HAL

612. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-18 21:04:45 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <PIqdne9cAvLptAjRnZ2dnUVZ_vmdnZ2d@earthlink.com>
Source record: 982

"timlad28" <timlad28.6da9a88@radiobanter.com> wrote in
message news:timlad28.6da9a88@radiobanter.com...
>
> Hi,
>
> The R.F gain on my AR88D has to turned almost fully
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> any stations. I can pick up stations across the bands but
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> The two resistors to ground are both in tolerance.
>
> All bath tub capacitors were replaced. I had to replace
> dud capacitors
> in the RF unit to get all bands working and the odd
> resistors that had
> gone high. Up until recently the set was working OK. Then
> the issue with
> low RF gain.
>
> All tubes have been checked and OK. I'm endeavouring to
> understand the
> RCA wiring schematic ;-) Has anybody encountered this
> issue before?
>
> Many thanks,
> Tim
>
>
>
>
> --
> timlad28

Have you checked the tube voltages, if not do that
first. I think there are also stage gain values in the
handbook. These will help in finding where the signal is
disappearing. Using a good scope as a signal tracer will
also help.
RCA draws schematics with the tube bases shown as they

are which often makes them difficult to decipher. Sometimes
re-drawing a part of the circuit helps.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

613. Help with Star ST-700

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-19 08:22:40 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c95c84f$0$40287$4fafbaef@reader2.news.tin.it>
Source record: 983

I have downloaded the Star ST-700 transmitter manual from BAMA, but the text pages after page 10 are missing.

Does anyone have that manual so as to check what is really missing?

Thanks & 73

Tony I0JX
Rome Italy

614. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-19 14:10:17 UTC
From: timlad28 <timlad28.6dbec08@radiobanter.com>
Message-ID: <timlad28.6dbec08@radiobanter.com>
Source record: 984

Richard Knoppow;718630 Wrote:
> "timlad28" timlad28.6da9a88@radiobanter.com wrote in
> message news:timlad28.6da9a88@radiobanter.com...-
>
> Hi,
>
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> The two resistors to ground are both in tolerance.
> --
> timlad28-
>
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> disappearing. Using a good scope as a signal tracer will
> also help.
> RCA draws schematics with the tube bases shown as they
> are which often makes them difficult to decipher. Sometimes
> re-drawing a part of the circuit helps.
>
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickburk@ix.netcom.com

Hello Richard,

Thank you for answering my post. Today, I managed to check the tube voltages and V12, Anode 3, measures -1.2v, when it should be 30v. All other voltages check out.

- Tim

--
timlad28

615. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-19 21:18:30 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <SbCdnYR6sprT4wvRnZ2dnUVZ_tGdnZ2d@earthlink.com>
Source record: 985

"timlad28" <timlad28.6dbec08@radiobanter.com> wrote in
message news:timlad28.6dbec08@radiobanter.com...
>
> Richard Knoppow;718630 Wrote:
>> "timlad28" timlad28.6da9a88@radiobanter.com wrote in
>> message news:timlad28.6da9a88@radiobanter.com...-
>>
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>> timlad28-
>>
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>> also help.
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>> are which often makes them difficult to decipher.
>> Sometimes
>> re-drawing a part of the circuit helps.
>>
>>
>> --
>> Richard Knoppow
>> Los Angeles
>> WB6KBL
>> dickburk@ix.netcom.com
>
> Hello Richard,
>
> Thank you for answering my post. Today, I managed to check
> the tube
> voltages and V12, Anode 3, measures -1.2v, when it should

> be 30v. All
> other voltages check out.
>
> - Tim
>
First of all which handbook do you have? The ones I
have show V-12 as the BFO with 40V on the plate (pin-3). The
BFO must be turned on for this voltage to be present. If its
turned off there will be nothing there. In any case, even if
there is a problem at this point it should not affect the
overall gain of the RX. The symptom is so general its hard
to point out any one thing. It would be helpful if you could
borrow an oscilloscope (I assume you don't have one) and use
it as a signal tracer to see where the signal drops off.
Also, don't assume tubes that check good on a tube tester
really work, sometimes tubes which check good don't work in
some circuits.
Unfortunately, RCA does not seem to have provided either
socket resistance measurements or stage gain measurements in
their data. You can find a lot of additional info on the
AR-88 and its relatives by doing a web search, There are
Canadian and British military manuals available with more
info than the RCA handbooks. If your receiver has an S-meter
installed its indication may give you a clue.

--

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

616. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-19 21:55:09 UTC
From: kludge@panix.com
Message-ID: <i760rtcsr1@panix2.panix.com>
Source record: 986

timlad28 <timlad28.6dbec08@radiobanter.com> wrote:
>
>Thank you for answering my post. Today, I managed to check the tube
>voltages and V12, Anode 3, measures -1.2v, when it should be 30v. All
>other voltages check out.

That sure would indicate something wrong. Check the value of the plate
resistor in-circuit with a meter. Is it open?

When resistors go bad, they usually increase rather than decrease in
value. If the plate voltage is way too low, it's more likely to be
something on the plate side of the circuit gone up rather than something
on the cathode side one down.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

617. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-19 23:20:23 UTC
From: timlad28 <timlad28.6dc94c8@radiobanter.com>
Message-ID: <timlad28.6dc94c8@radiobanter.com>
Source record: 988

Richard and Scott,

I checked V-12 again this time with the BFO turned on and it reads 39v.
I used a copy of E773 (came with the set) which had a table of tube
voltages. Sorry, no oscilloscope or no s-meter. Downloaded more
documentation from the web. I will try alternative tubes and
double-check resistor values. This time I'll do my homework and try to
be a little more specific.

Again, many thanks.
Tim

Richard Knoppow;718703 Wrote:
> "timlad28" timlad28.6dbec08@radiobanter.com wrote in
> message news:timlad28.6dbec08@radiobanter.com...-
>
> Richard Knoppow;718630 Wrote:-
> "timlad28" timlad28.6da9a88@radiobanter.com wrote in
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>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickburk@ix.netcom.com-
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> Hello Richard,
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> voltages and V12, Anode 3, measures -1.2v, when it should
> be 30v. All
> other voltages check out.
>
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> -
> First of all which handbook do you have? The ones I
> have show V-12 as the BFO with 40V on the plate (pin-3). The
> BFO must be turned on for this voltage to be present. If its
> turned off there will be nothing there. In any case, even if
> there is a problem at this point it should not affect the
> overall gain of the RX. The symptom is so general its hard
> to point out any one thing. It would be helpful if you could
> borrow an oscilloscope (I assume you don't have one) and use
> it as a signal tracer to see where the signal drops off.
> Also, don't assume tubes that check good on a tube tester
> really work, sometimes tubes which check good don't work in
> some circuits.
> Unfortunately, RCA does not seem to have provided either
> socket resistance measurements or stage gain measurements in
> their data. You can find a lot of additional info on the
> AR-88 and its relatives by doing a web search, There are
> Canadian and British military manuals available with more
> info than the RCA handbooks. If your receiver has an S-meter
> installed its indication may give you a clue.
>
> --
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickburk@ix.netcom.com

--
timlad28

618. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-20 02:39:43 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <58mdnVM-rpocVAvRnZ2dnUVZ_hOdnZ2d@earthlink.com>
Source record: 987

"Scott Dorsey" <kludge@panix.com> wrote in message
news:i760rtcsr1@panix2.panix.com...
> timlad28 <timlad28.6dbec08@radiobanter.com> wrote:
>>
>>Thank you for answering my post. Today, I managed to check
>>the tube
>>voltages and V12, Anode 3, measures -1.2v, when it should
>>be 30v. All
>>other voltages check out.
>
> That sure would indicate something wrong. Check the value
> of the plate
> resistor in-circuit with a meter. Is it open?
>
> When resistors go bad, they usually increase rather than
> decrease in
> value. If the plate voltage is way too low, it's more
> likely to be
> something on the plate side of the circuit gone up rather
> than something
> on the cathode side one down.
> --scott

There is also a plate by-pass cap on that line, if it
shorted or developed a low resistance it would pull the
plate voltage down but its on the tube side of the BFO
switch. I just wonder if he measured this with the BFO off.
If all the DC voltages are as specified it suggests that
something is not right in the RF, IF, or audio path. Signal
tracing is the best way of finding out where the problem is.
Now, some isolation can be had by seeing if the problem
varies with the band. If it doesn't then its something
common for all bands, but that could still be one of the rF
amps as well as the mixer and IF stages. Another technique
is to inject a modulated signal into the IF to see if its
response is normal. It could be so many things that its hard
to know what to suggest. Bad caps, bad solder joints, bad
ground connection somewhere, resistor that has opened up.
Carbon comp resistors seldom fail catastrophically, i.e.,
going entirely open, but can change value substantially.
Usually they go up in value but not always. Wire wound
reistors often open up espececially due to corrosion at the
weld between the ends of the resistance element and leads.
An IF transformer may have gone open (unlikely).

The RCA 88 is a very good receiver and is worth some
effort to restore.

--
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619. Availables : More that 3750 Solutions manuals and Test Banks (Part 1)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-21 01:03:19 UTC
From: claudeh <hclaudioblanco@gmail.com>
Message-ID: <58541a28-c00b-4d87-991b-5c48b6b0bd97@c21g2000vba.googlegroups.com>
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622. Want certain Pictures

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-24 19:45:36 UTC
From: Eugene Rippen <soundval@muchstuff.com>
Message-ID: <Xns9DFD81C901808er7373@69.16.186.8>
Source record: 992

About ready to take the 2nd edition of TTT (Tube Type Transmitters) to
the
printer.
Its got about 800 pics now,ut some could be better, and some I don't
have.
I'm looking for some pictures and/or specs of the equipment described
below.
The pictures can be frontal, or of the top and front, or of the side and
front, or of the front, side and top.
The last choice is my favorite, the front, side and top.
They can be color or shades of grayscale.
They must come to me with full permission, from any copyright holder, to
use
and publish.
I will pay $5 to cover mailing, and your being annoyed, for the first
picture
I select for each of these below for which I want pictures.
Thus, you need to check with me to see if I still need what you
may
have..
So.... don't quit your daytime job just yet. I will give
acknowledgements.
The dates below are approximate.
Don't fret about what's in the Pic. background, I'm used to cleaning them
up.
I have already done the "Bama", "MODS.DE" and "Google" things.

In this first batch I'm looking for pics and some specs:
Ameco 6N2 transmitter.
Amperex 110 2 M amplifier. 1978
Appolo Products 2000X2 1979
ARD 250A
Drake: DC-3, and TC-6.
EICO 739
Elenco Power Gainer, Linear Amplifier. 1958
Elenco X4 SSB exiter. 1954
Emesco TR-6 and VFO-6, 1962
ERA narrow Band FM (transmitter? transceiver?)
Emp-Lab PKO-1 transmitter 1932.
ETI combination transmitter/code oscillator 1952.
Galaxy: "2000B" Ampl., "225" (whatever?), "3" transceiver,
"G-1000" P.S., "Saturn" 10M, and "SC 550" console.
WRL "Duo-Bander II"
Globe: Duodyne770" and "VHF VFO 3020"

Kaar: 10A and 10X transmitters.
KW 2000.
Lafayette: HE-51 and HE-61.
Lysco: A-114, A129, A140 or A173. (Any one of these)
Marine: 750B and MT-55.
Matric 50W.
McMurdo Silver: "10-D", "10-F", "Jones All Band" and "Progressive"
Millen Transmatch Junior
National "MNC-10-ASD" and "Sixty Special"
PrePro transmitter.
Radio Supply Co.: "RF Amplifier 1935", "XM-1" transmitter 1939,
and "XT-3" Exciter 1939,
Radio Trading Co.: "10 meter breadboard" 1934 and
"2121 breadboard" transmitter? 1934.
Siltronix; 1011 (A, B, C or D)
SUN PA500 (if this is a modulator or RF Ampl.)
SUNAIRE PLA-1000A Amplifier.
Transcon: "Six" and "Ten" 1957.
Triplett 3286 (Transmitter?) 1947
Trutest 25 Watt Jr. Transmitter. 1937.
Utah: "250 Watt Modulator" 1937, "50 Watt Modulator" 1937,
"500 Watt RF Amplifier" 1937, and "Multiband Transmitter"
1939.
UTC 30-AF Modulator, 1936.
Valenco 140 transmitter. 1954
Vantron 300 Linear Amplifier.
XWAN 230XC (whatever?)
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I just want Pics for this list, I have my Specs.
Atlas 2KW (WRL product) 1963
Alpha 77DF
Arrow Novice Transmitter. 1955.
Audio Products Co. of Los Angeles Power Amplifier. 1934.
Bandguard MF2/W transmitter. 1955
Browning NLEC5 Ampl. 1939.
Bud: BPA500 Amplifier. 1939, and XT25C transmitter. 1939.
Christy Jelectro QRP-60 1961.
Clegg: 6000-6, 600-2 or 600-1 1/4 (1 pic of any one of these)
Collins 30K and 250-A.
Craftronics CT-120 transmitter.
Creative H-316 Airmaster 1959.
Delft A, B, C and D (One of each) 1931.
Dixon 75 transmitter. 1953.
Drake: RV-3, RV-4, RV-6, T-4, T4X and L-4.
Elenco 400T34, 400T4, PA400 and 77. 1954
El-Tronics AE-30 transmitter. 1948
Galaxy: RV-550 VFO and GT-550A transceiver.
Globe: AT-3 & AT-4 Ant Tuners 1957.
Globe: Scout 40-A, 40, Chief 90A and Champion 300.
Hallicrafters SR-42.

Hart 25 CW transmitter 1954.
KW.107
Knight T-60, TR-106 and TR-108.
Lafayette HE-61
Leeds: 50-TB transmitter, and C2 (1931)
Lysco A-175A
Meissner: 150B 2CW, 6L6 and All Star.
Montgomery Ward Airline OR5
Morrow: PW 10, 15, 20, 40 or 75. (A pic of just any one)
National: NTX-30 and MSM modulator.
P&H L200M (or is it L2000M?)
P&K 504 DX transmitter.
Radio-Television Supply: 4-25 exciter, Baby Bi-Push Transmitter
and DeLuxe Bi-Push 1938(all)
REL: 135, 175 & "Hartley" transmitters.
REL: 185 power supply.
RME: HG-303 and HG-602 transmitters.
Sonar: SRT-120M and SRT-120P.
TBS: TBL2000 Linear Amplifier.
Tecraft: Sidewinder, TR-20/144 and TR-20/50 transmitters.
Temco: 75GA and TA1000.
WRL: 15 (transmitter 1938), 150 & 150 RF CW, (transmitters
1940),
WRL: Exciter (1947 for Exciter)
WRL: 150 modulator and 75 W modulator for the 150 transmitter.
1940
WRL: ECO VFO (but, big VFO. Has 6L6 and 807. 1941
WRL: PSA-63A power supply.
WRL: SM-90 screen modulator.
Yaesu FLdx-400/500 transmitter.
Yaesu FT-101Z 1979

This may seem a lot, but I already have about 1600 items and 700
pictures.

These following are ones that I just need specs (no pictures).
"Cosmophone" before 1958. (Not Cosmophone 35 or 1000.)
"DeWald Radio-Phone" Yes! Ham equipment from DeWald.

Eugene Rippen, WB6SZS
Auburn, CA

623. Loudspeaker LS-3

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-24 21:54:40 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c9d1e1d$0$31372$4fafbaef@reader1.news.tin.it>
Source record: 993

Does any one remember the original connections (tip, ring) of the LS-3.

If I remember it correcly, the speaker coil was connected to the transformer secondary, with no direct access from the exterior.

Thakks & 73

Tony I0JX
Rome, Italy

624. Re: Loudspeaker LS-3

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-25 09:28:40 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4c9dc0c9$0$40291$4fafbaef@reader2.news.tin.it>
Source record: 994

Found!

Transformer primary is between ground and tip.

Speaker not directly accessible from the exterior.

73

"Antonio Vernucci" <vernucci@tin.it> ha scritto nel messaggio
news:4c9d1e1d$0$31372$4fafbaef@reader1.news.tin.it...
> Does any one remember the original connections (tip, ring) of the LS-3.
>
> If I remember it correcly, the speaker coil was connected to the transformer
> secondary, with no direct access from the exterior.
>
> Thakks & 73
>
> Tony I0JX
> Rome, Italy

625. B2 spy radio (tips, value and venue for sale)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-26 12:40:14 UTC
From: AussieCJ <AussieCJ.6e52688@radiobanter.com>
Message-ID: <AussieCJ.6e52688@radiobanter.com>
Source record: 995

Hi all,
I am helping the widow of silent key vk3amh in australia who is in possession of one of these sets, ie the portable transmitting and receiving equipment and power supply, housed in very stout metal boxes complete with lids (I believe these are parachute drop cases). There is also have an old manual entitled "Description and Operating Instructions for Set Serial No. 45127", and a little morse code key I believe should be in the box but at some time was replaced by a more "modern" morse key. Inside the front cover of the instruction manual the first page has been cut out, and on the second one there is a rubber stamp (six-sided) with RCD 1 and underneath that the figures 27. There is also a date stamp - 7 Nov 1944.
Could you advise me on a couple of things. Firstly could you give me a estimate of the value of such an item (based on the images) and secondly, the best forum in which to put it up for sale.

I believe it is a collector's item and I would look to get pictures of all the items prior to presenting it for sale in its current state.

I dont seem to be able to upload photos into the forum. They can be found at http://www.flickr.com/photos/91717622@N00/

Thanking you in advance
CJ

--
AussieCJ

626. Re: B2 spy radio (tips, value and venue for sale)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-27 02:36:21 UTC
From: John Smith <assemblywizard@gmail.com>
Message-ID: <i7ovv7$4v2$2@news.eternal-september.org>
Source record: 996

On 9/26/2010 5:40 AM, AussieCJ wrote:

>> ...
> I dont seem to be able to upload photos into the forum. They can be
> found at http://www.flickr.com/photos/91717622@N00/
>
> Thanking you in advance
> CJ

Too bad prizes are not handed out here, that would win "Best BoatAnchor Ever Award!"

Regards,
JS

627. Re: B2 spy radio (tips, value and venue for sale)

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-27 14:09:47 UTC
From: kludge@panix.com
Message-ID: <i7q8jb$6jc$1@panix2.panix.com>
Source record: 997

John Smith <assemblywizard@gmail.com> wrote:
>On 9/26/2010 5:40 AM, AussieCJ wrote:
>
> >> ...
>> I dont seem to be able to upload photos into the forum. They can be
>> found at http://www.flickr.com/photos/91717622@N00/
>>
>> Thanking you in advance
>> CJ
>
>Too bad prizes are not handed out here, that would win "Best BoatAnchor
>Ever Award!"

1. The clandestine radio guru is Jon Paul at Scientific Conversions and
he would be the first person I'd contact. If anyone knows what it is
and what it's worth, it would be him.

2. You cannot upload photos because this is Usenet, not some kind of web forum.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

628. Re: FA. Working, complete BC-348-R US Army-Air Force receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-28 01:41:57 UTC
From: Engineer <junk2007@rogers.com>
Message-ID: <001c005a-3ee9-4061-a9de-8e8bac651563@a19g2000vbi.googlegroups.com>
Source record: 998

On Sep 4, 6:47 pm, Engineer <junk2...@rogers.com> wrote:
> Need to focus on my main interest, civilian tube radios, so this item
> has to go! See
eBayhttp://cgi.ebay.ca/ws/eBayISAPI.dll?ViewItem&item=150489333628&ssPage...
> eBay item number: 150489333628
> Cheers,
> Roger

FYI, sold for US$299... a worse one recently went for US$355... ah,
well... fortunes of war!
Shippjng to Vancouver (surface) was a bit less than expected, about C
$55, and packing by UPS was C$75 plus tax (as quoted.) Customer
refused insurance against my advice, but at least I have his email
confirming this... hope he was right!
Cheers,
Roger

629. Re: FA. Working, complete BC-348-R US Army-Air Force receiver

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-09-30 02:03:06 UTC
From: PJ <spymaster97@yahoo.com>
Message-ID: <be-dnTi9q7Itcj7RnZ2dnUVZ_vednZ2d@mchsi.com>
Source record: 999

Wow --

I've got a like new one. Wish I knew where it was.

"Engineer" <junk2007@rogers.com> wrote in message
news:001c005a-3ee9-4061-a9de-8e8bac651563@a19g2000vbi.googlegroups.com...
On Sep 4, 6:47 pm, Engineer <junk2...@rogers.com> wrote:
> Need to focus on my main interest, civilian tube radios, so this item
> has to go! See
> eBayhttp://cgi.ebay.ca/ws/eBayISAPI.dll?ViewItem&item=150489333628&ssPage...
> eBay item number: 150489333628
> Cheers,
> Roger

FYI, sold for US$299... a worse one recently went for US$355... ah,
well... fortunes of war!
Shippjng to Vancouver (surface) was a bit less than expected, about C
$55, and packing by UPS was C$75 plus tax (as quoted.) Customer
refused insurance against my advice, but at least I have his email
confirming this... hope he was right!
Cheers,
Roger

630. I guess the site has been spammed again

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-04 16:19:52 UTC
From: ab1ic <ab1ic@yahoo.com>
Message-ID: <f33d28ef-7bf6-493d-a2f8-901d95e9d5db@c16g2000vbp.googlegroups.com>
Source record: 1000

Oh man...I saw Hot+Sexy and thought someone posted an old restored
tube rig.
So sad...
Debbie AB1IC

631. Re: I guess the site has been spammed again

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-05 10:53:59 UTC
From: david <none@nospam.com>
Message-ID: <i8f047$7un$2@news.eternal-september.org>
Source record: 851

On Mon, 04 Oct 2010 09:19:52 -0700, ab1ic rearranged some electrons to
say:

> Oh man...I saw Hot+Sexy and thought someone posted an old restored tube
> rig.
> So sad...
> Debbie AB1IC

This is Usenet, it isn't a "site".

<sigh>

http://en.wikipedia.org/wiki/Eternal_September

632. Re: I guess the site has been spammed again

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-05 12:37:39 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <i8f66k01s6o@news3.newsguy.com>
Source record: 852

david wrote:

>
> This is Usenet, it isn't a "site".
>
> <sigh>
>
> http://en.wikipedia.org/wiki/Eternal_September

....

http://en.wikipedia.org/wiki/Nitpicking_(pastime)

633. Now: Molded Mica Caps

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-06 01:23:38 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <i8gj3602qgg@news4.newsguy.com>
Source record: 853

Edmund H. Ramm wrote:

> But to get back to the purpose of this newsgroup: Are capacity losses,
> e.g. down to 17pF from 50pF, in 50 years old moulded mica condensers a
> common failure?
>
> 73, Eddi ._._.

I hesitate to say "common" but yes.

Often that failure is caused by the op twisting the cap over while in place to see whats written on the other side. In American-made molded micas this often causes the lead to break free from the molding and the twisting action breaks away a few of the foil connections. Or worse, twists them into a shorted condition.

-Bill

634. Re: I guess the site has been spammed again

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-06 10:49:08 UTC
From: david <none@nospam.com>
Message-ID: <i8hk73ake2@news.eternal-september.org>
Source record: 854

On Tue, 05 Oct 2010 22:59:10 +0000, Edmund H. Ramm rearranged some
electrons to say:

> In <i8f66k01s6o@news3.newsguy.com> Bill M <radioexray@geeeemail.com>
> writes:
>
>> david wrote:
>
>>> This is Usenet, it isn't a "site".
>>>
>>> <sigh>
>>>
>>> http://en.wikipedia.org/wiki/Eternal_September
>> ....
>> http://en.wikipedia.org/wiki/Nitpicking_(pastime)
>
> No, David is right. Current misconceptions about usenet aren't
> something one should let pass by while looking the other way. 20 years
> ago AOLers were in desperate need of education, only to be superceded by
> google-groupies.
>

In this case, Yahoo yahoos.

635. Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-06 19:11:41 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4cacc9ec$0$10752$4fafbaef@reader2.news.tin.it>
Source record: 855

Would an SX-24 owner be so kind to scan the SX-24 schematic diagram and send it to me via e-mail? (vernucci@tiscali.it)

The diagram on BAMA is unreadable thanks to that damn djvu compression.

Other diagrams which can be found on the web are too faint to be read.

Thanks i advance & 73.

Tony I0JX
Rome, Italy

636. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-07 06:11:39 UTC
From: OldbieOne <1986944@comcast.net>
Message-ID: <e1pqa6tsnpd5mecd89scj0h8r6b720g93a@4ax.com>
Source record: 856

On Wed, 6 Oct 2010 21:11:41 +0200, "Antonio Vernucci" <vernucci@tin.it> did make me awaken from my chaotic existentialism when they didst announce:

>Would an SX-24 owner be so kind to scan the SX-24 schematic diagram and send it
>to me via e-mail? (vernucci@tiscali.it)
>
>The diagram on BAMA is unreadable thanks to that damn djvu compression.
>
>Other diagrams which can be found on the web are too faint to be read.
>
>Thanks i advance & 73.
>
>Tony I0JX
>Rome, Italy

Email to the address for you in your news posting bounced. If you send an email to w3dbj(at@at@)comcast(dot)net (take the at@at@ and dot out to reply, I know he can help.

Good luck, great radio there
--
OldbieOne -
The guy who tells it like it is!

637. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 01:16:13 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <voGdnf4szYfwXzLRnZ2dnUVZ_gCdnZ2d@earthlink.com>
Source record: 857

"Antonio Vernucci" <vernucci@tin.it> wrote in message
news:4cacc9ec$0$10752$4fafbaef@reader2.news.tin.it...
> Would an SX-24 owner be so kind to scan the SX-24
> schematic diagram and send it to me via e-mail?
> (vernucci@tiscali.it)
>
> The diagram on BAMA is unreadable thanks to that damn djvu
> compression.
>
> Other diagrams which can be found on the web are too faint
> to be read.
>
> Thanks i advance & 73.
>
> Tony I0JX
> Rome, Italy
There is a good readable schematic and alignment
instructions from Riders at:
http://www.nostalgiaair.org/Resources/914/M0008914.htm
There is another handbook at:
http://jptronics.org/radios/Hallicrafters/manuals.html
but its very low res and grayed out. It may be the same
one as on BAMA.
BTW, the owner of BAMA no longer accepts Dejavu stuff
because of the poor quality. It _can_ be better but most
users seem to want the smallest possible files and that
always makes things awful.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

638. Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 01:21:23 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <vN-dnXkcSu8EXjLRnZ2dnUVZ_qidnZ2d@earthlink.com>
Source record: 858

Not exactly boatanchor but pretty old. I obtained a
Hickok 890A transistor tester recently. I can find nothing
whatever about it on the web. Does anyone have a handbook or
know much about them? In particular I want to know what sort
of battery was used. It has clips for five batteries, three
are obviously for C cells but the other is evidently for a
high voltage battery of some sort. Its nearly the size of a
size-D cell but its not. I can get some action from the
calibration adjustment from two 9V batteries in series. I
think the original must have been either a 12.5 or perhaps
22.5 volt cell. If anyone can help it would be greatly
appreciated. I have posted to the test equipment list but my
posts don't seem to show up there.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

639. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 07:53:01 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4cb01f4b$0$41855$4fafbaef@reader5.news.tin.it>
Source record: 859

> There is a good readable schematic and alignment instructions from Riders
> at: http://www.nostalgiaair.org/Resources/914/M0008914.htm

Thanks for info, but the file on that site in an EXE file that I do not like to execute on my PC. I see no justification for offering an EXE file instead that any other common document format (PDF, DOC, ...), and this leads me to suspect that there is some form of virus embedded in it.

With regard to djvu, in the terabit hard disks and high-speed ADSL era it makes little sense to spare a few hundreds of kybtes with djvu. Moreover the djvu reader I use (ACDsee) is a rather poor program (but maybe a better reader is available).

It is a pity that a good deal of files on BAMA are of no practical use. I am still asking myself how can people upload files on BAMA without checking the images quality first. And the answer I usually get to that question ("better than nothing") seems to me rather silly.

Anyway, in the end I found a local guy who has an original SX-24 manual, and I could then make a good photocopy.

Thanks and 73

Tony I0JX
Rome, Italy

640. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 12:31:26 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <56618c83-0f5e-4a16-9210-5c4b259d5bdb@x20g2000pro.googlegroups.com>
Source record: 860

On Oct 9, 12:53 am, "Antonio Vernucci" <vernu...@tin.it> wrote:
> > There is a good readable schematic and alignment instructions from Riders
> > at:http://www.nostalgiaair.org/Resources/914/M0008914.htm
>
> Thanks for info, but the file on that site in an EXE file that I do not like to
> execute on my PC. I see no justification for offering an EXE file instead that
> any other common document format (PDF, DOC, ...), and this leads me to suspect
> that there is some form of virus embedded in it.
>
> With regard to djvu, in the terabit hard disks and high-speed ADSL era it makes
> little sense to spare a few hundreds of kybtes with djvu. Moreover the djvu
> reader I use (ACDsee) is a rather poor program (but maybe a better reader is
> available).
>
> It is a pity that a good deal of files on BAMA are of no practical use. I am
> still asking myself how can people upload files on BAMA without checking the
> images quality first. And the answer I usually get to that question ("better
> than nothing") seems to me rather silly.
>
> Anyway, in the end I found a local guy who has an original SX-24 manual, and I
> could then make a good photocopy.
>
> Thanks and 73
>
> Tony I0JX
> Rome, Italy

The file at Nostalgia air _is_ a PDF. I don't know what you
clicked on but look again.

Richard Knoppow
WB6KBL

641. K9YA Telegraph, November 2010 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 13:33:51 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <2C0FBDB22B524305A55D7810786CDD6E@GRIMES>
Source record: 861
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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November 2010 articles include:

St. Francis Dam Disaster By Philip Cala-Lazar, K9PL

Software Defined Radio By Paul W. Ross, W3FIS

The Elmer Letters - Part I By Cliff Cheng, Ph.D., AC6C

Morse on the Road By James Wades, WB8SIW

Two Iambic to Single Lever Mods By Paul Signorelli, W&#65533;RW

Ham Quips By Dick Sylvan, W9CBT

642. Drake filter by Sherwood Engineering

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 15:42:21 UTC
From: Evan <k9sqg@arrl.net>
Message-ID: <a0f8e264-ad5b-4e18-9cf8-dd5bdbe345a2@n26g2000yqh.googlegroups.com>
Source record: 862

Fellow Drake Enthusiasts,

I have a 2 kc narrow SSB filter for the Drake R4C made by Sherwood Engineering. It is somewhat uncommon because it is a 16 pole filter and not 8 poles like the standard (optional) filters. I am unable to find any specs on this filter, graphs of skirt shape, etc. Would be interested in a hard copy or electronic copy of any info that is available for this filter.

Thanks for reading this post and enjoy those Drakes.

73,

Evan, K9SQG
K9SQG@ARRL.net

643. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 15:59:29 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4cb09154$0$10762$4fafbaef@reader2.news.tin.it>
Source record: 863

The file at Nostalgia air _is_ a PDF. I don't know what you
clicked on but look again.

Yes, they say it is a pdf file, but when you click on the download icon, its
starts downloading a file named M0008914.exe. Did you actually try to download
it and execute it?

The diagram on jptronics is unfortunately useless.

73

Tony I0JX

644. Re: Drake filter by Sherwood Engineering

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 16:11:45 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4cb09433$0$10759$4fafbaef@reader2.news.tin.it>
Source record: 864

"Evan" <k9sqg@arrl.net> ha scritto nel messaggio
news:a0f8e264-ad5b-4e18-9cf8-dd5bdbe345a2@n26g2000yqh.googlegroups.com...
> Fellow Drake Enthusiasts,
>
> I have a 2 kc narrow SSB filter for the Drake R4C made by Sherwood
> Engineering. It is somewhat uncommon because it is a 16 pole filter
> and not 8 poles like the standard (optional) filters. I am unable to
> find any specs on this filter, graphs of skirt shape, etc. Would be
> interested in a hard copy or electronic copy of any info that is
> available for this filter.
>
> Thanks for reading this post and enjoy those Drakes.
>
> 73,
>
> Evan, K9SQG
> K9SQG@ARRL.net

I have that filter since almost 30 years. It is three times bigger than a normal Drake filter. It bears the label CF-2K/16.

I have a one-page datasheet from Sherwood, in which they state that its bandwith @6dB is 1,800 Hz.

If you give me an e-mail address, I woll send you a scan of that page.

73

Tony I0JX
Rome Italy

645. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 16:29:29 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <pfOdnSH9-bzpBS3RnZ2dnUVZ_sCdnZ2d@earthlink.com>
Source record: 865

"Antonio Vernucci" <vernucci@tin.it> wrote in message
news:4cb09154$0$10762$4fafbaef@reader2.news.tin.it...
> The file at Nostalgia air _is_ a PDF. I don't know what
> you
> clicked on but look again.
>
> Yes, they say it is a pdf file, but when you click on the
> download icon, its starts downloading a file named
> M0008914.exe. Did you actually try to download it and
> execute it?
>
> The diagram on jptronics is unfortunately useless.
>
> 73
>
> Tony I0JX
I have downloaded many files from Nostalgia Air, in
fact I tested this one before recommending it to see what it
was like. When I clicked on the download symbol it came up
labled as a .PDF as have all the others. I don't know what
sort of executable there could be there. What browser are
you using?
Unfortunately, the manual at the other site is as bad
as the one at BAMA, grayed out and low res.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

646. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 16:37:57 UTC
From: "pdrahn@coinet.com" <co_farmer@yahoo.com>
Message-ID: <313fc7a1-ba2e-4aca-9471-59edec2ee8c4@u4g2000prn.googlegroups.com>
Source record: 866

On Oct 8, 6:21 pm, "Richard Knoppow" <dickb...@ix.netcom.com> wrote:
> Not exactly boatanchor but pretty old. I obtained a
> Hickok 890A transistor tester recently. I can find nothing
> whatever about it on the web. Does anyone have a handbook or
> know much about them? In particular I want to know what sort
> of battery was used. It has clips for five batteries, three
> are obviously for C cells but the other is evidently for a
> high voltage battery of some sort. Its nearly the size of a
> size-D cell but its not. I can get some action from the
> calibration adjustment from two 9V batteries in series. I
> think the original must have been either a 12.5 or perhaps
> 22.5 volt cell. If anyone can help it would be greatly
> appreciated. I have posted to the test equipment list but my
> posts don't seem to show up there.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com

At one time, there were 9 volt batteries of about the "D" cell size
and shape.

Paul

647. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 17:15:47 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4cb0a334$0$10755$4fafbaef@reader2.news.tin.it>
Source record: 867

>> Tony I0JX
> I have downloaded many files from Nostalgia Air, in fact I tested this one
> before recommending it to see what it was like. When I clicked on the download
> symbol it came up labled as a .PDF as have all the others. I don't know what
> sort of executable there could be there. What browser are you using?
> Unfortunately, the manual at the other site is as bad as the one at BAMA,
> grayed out and low res.

The Opera browser reports me it is downloading an EXE file, and actually
produces an EXE file.

Both Internet Explorer and Google Chrome instead report and produce a PDF file.

Crazy!

Thanks and 73

Tony I0JX

648. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 21:31:39 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <ib-dnWAgZv2hfS3RnZ2dnUVZ_sqdnZ2d@earthlink.com>
Source record: 869

"pdrahn@coinet.com" <co_farmer@yahoo.com> wrote in message
news:313fc7a1-ba2e-4aca-9471-59edec2ee8c4@u4g2000prn.googlegroups.com...
On Oct 8, 6:21 pm, "Richard Knoppow"
<dickb...@ix.netcom.com> wrote:
> Not exactly boatanchor but pretty old. I obtained a
> Hickok 890A transistor tester recently. I can find nothing
> whatever about it on the web. Does anyone have a handbook
> or
> know much about them? In particular I want to know what
> sort
> of battery was used. It has clips for five batteries,
> three
> are obviously for C cells but the other is evidently for a
> high voltage battery of some sort. Its nearly the size of
> a
> size-D cell but its not. I can get some action from the
> calibration adjustment from two 9V batteries in series. I
> think the original must have been either a 12.5 or perhaps
> 22.5 volt cell. If anyone can help it would be greatly
> appreciated. I have posted to the test equipment list but
> my
> posts don't seem to show up there.
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
> dickb...@ix.netcom.com

At one time, there were 9 volt batteries of about the "D"
cell size
and shape.

Paul

Thanks for the reply. It might be but I tried it with a
single 9V battery and it did not seem to be enough. Two
batteries in series allowed the cal adjustment to work but I
don't want to just put 18V on it without knowing what the
actual required voltage is. I found a manual at a pay-for
site but its nearly as much as I payed for the tester.

--
Richard Knoppow
Los Angeles

WB6KBL
dickburk@ix.netcom.com

649. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 21:35:51 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <ib-dnWMgZv2gfS3RnZ2dnUVZ_soAAAAA@earthlink.com>
Source record: 868

"Edmund H. Ramm" <ehramm@dk3uz.ampr.org> wrote in message
news:i8qlku$d8a$7@dk3uz.ampr.org...
> In
> <56618c83-0f5e-4a16-9210-5c4b259d5bdb@x20g2000pro.googlegroups.com>
> Richard Knoppow <dickburk@ix.netcom.com> writes:
>
>> [...]
>> The file at Nostalgia air _is_ a PDF. I don't know
>> what you
>> clicked on but look again.
>
> It is, alas only a very poor 75dpi scan.
>
> 73, Eddi ._._.
>

What I got seems more than this. Its the Rider's pages
for the RX. BAMA has a very low res scan and so does the
other site I gave. They are so poor as to be useless while
the Rider's info is quite readable and is useful for both
trouble shooting and alignment. BAMA is dependant on
whatever they are sent. They have a good S-20R scan because
I made it and sent it. Its the one that has an added
advertisement announcing the model.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

650. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 23:09:51 UTC
From: Fred McKenzie <fmmck@aol.com>
Message-ID: <fmmck-460982.19095009102010@5ad64b5e.bb.sky.com>
Source record: 870

In article <4cb0a334$0$10755$4fafbaef@reader2.news.tin.it>,
"Antonio Vernucci" <vernucci@tin.it> wrote:

> >> Tony I0JX
> > I have downloaded many files from Nostalgia Air, in fact I tested this
> > one
> > before recommending it to see what it was like. When I clicked on the
> > download
> > symbol it came up labled as a .PDF as have all the others. I don't know
> > what
> > sort of executable there could be there. What browser are you using?
> > Unfortunately, the manual at the other site is as bad as the one at
> > BAMA,
> > grayed out and low res.
>
> The Opera browser reports me it is downloading an EXE file, and actually
> produces an EXE file.
>
> Both Internet Explorer and Google Chrome instead report and produce a PDF
> file.

Tony-

I don't remember how I did it, but when I found I had downloaded an EXE file, I went back and found a different place to click. This time it downloaded a PDF file that opened correctly.

At first I thought the EXE file might actually be a self-extracting ZIP file. But when I changed its suffix to .ZIP, my un-zip program said it was not.

Then I changed the .EXE to .PDF, and it opened fine!

Fred
K4DII

651. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-09 23:22:57 UTC
From: Fred McKenzie <fmmck@aol.com>
Message-ID: <fmmck-2B7EF0.19225709102010@5ad64b5e.bb.sky.com>
Source record: 871

In article <ib-dnWAgZv2hfS3RnZ2dnUVZ_sqdnZ2d@earthlink.com>,
"Richard Knoppow" <dickburk@ix.netcom.com> wrote:

> Thanks for the reply. It might be but I tried it with a
> single 9V battery and it did not seem to be enough. Two
> batteries in series allowed the cal adjustment to work but I
> don't want to just put 18V on it without knowing what the
> actual required voltage is. I found a manual at a pay-for
> site but its nearly as much as I payed for the tester.

Richard-

There is a 22.5 volt battery about the size of an AA cell, except it is square instead of round. I used one to convert the flash in an old film camera from two AA Cells to one 22.5 volt battery plus a similar-size electrolytic capacitor, as a "BC" flash system. With AA cells, the flash was not reliable. With the BC system, it never failed to fire.

I'll look through my collection of manual links for the 890. The first one I checked had an 870, with about 30 pages scanned as individual GIF images:

<http://www.ko4bb.com/cgi-bin/manuals.pl?dir=11)_Stuff_Not_Sorted/2_Misc_Test_Equip/Hickok/870>

Fred
K4DII

652. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-10 00:21:48 UTC
From: Fred McKenzie <fmmck@aol.com>
Message-ID: <fmmck-A386CF.20214809102010@5ad64b5e.bb.sky.com>
Source record: 872

In article <ib-dnWAgZv2hfS3RnZ2dnUVZ_sqdnZ2d@earthlink.com>,
"Richard Knoppow" <dickburk@ix.netcom.com> wrote:

> I found a manual at a pay-for
> site but its nearly as much as I payed for the tester.

Richard-

I may have found one at EBAMAN.com. Downloading requires registration,
which I assume to be free. It looks like 25 Megabytes if I read the
discription correctly.

<http://www.ebaman.com/index.php/remository/ELECTRONICS/Test-Equipment/Hi
ckok/Hickok-890/>

Fred
K4DII

653. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-10 01:09:06 UTC
From: kludge@panix.com
Message-ID: <i8r3ni$lp1$1@panix2.panix.com>
Source record: 873

Richard Knoppow <dickburk@ix.netcom.com> wrote:
> Not exactly boatanchor but pretty old. I obtained a
>Hickok 890A transistor tester recently. I can find nothing
>whatever about it on the web. Does anyone have a handbook or
>know much about them? In particular I want to know what sort
>of battery was used. It has clips for five batteries, three
>are obviously for C cells but the other is evidently for a
>high voltage battery of some sort. Its nearly the size of a
>size-D cell but its not. I can get some action from the
>calibration adjustment from two 9V batteries in series. I
>think the original must have been either a 12.5 or perhaps
>22.5 volt cell. If anyone can help it would be greatly
>appreciated. I have posted to the test equipment list but my
>posts don't seem to show up there.

It's most probably a mercury battery, either the 8.4 or 12.something
variety. As such, it's probably used as a voltage reference and replacing
it with an unregulated alkaline battery will be bad.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

654. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-10 10:26:02 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4cb194ac$0$23141$4fafbaef@reader1.news.tin.it>
Source record: 874

> At first I thought the EXE file might actually be a self-extracting ZIP
> file. But when I changed its suffix to .ZIP, my un-zip program said it
> was not.
>
> Then I changed the .EXE to .PDF, and it opened fine!
>
> Fred
> K4DII

OK Fred, I think it is just a bug of the Opera browser.

73

Tony I0JX

655. Re: Help with hallicrafetrs SX-24

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-10 21:06:06 UTC
From: sctvguy1 <sctvguy1@invalid.net>
Message-ID: <3Vpso.296457$ls6.275095@en-nntp-13.dc1.easynews.com>
Source record: 875

Antonio Vernucci wrote:

>> At first I thought the EXE file might actually be a self-extracting ZIP
>> file. But when I changed its suffix to .ZIP, my un-zip program said it
>> was not.
>>
>> Then I changed the .EXE to .PDF, and it opened fine!
>>
>> Fred
>> K4DII
>
> OK Fred, I think it is just a bug of the Opera browser.
>
> 73
>
> Tony I0JX
Stick with Firefox.

656. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-10 21:57:19 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <1JOdnZoiZ4qIqi_RnZ2dnUVZ_u6dnZ2d@earthlink.com>
Source record: 877

"Fred McKenzie" <fmmck@aol.com> wrote in message
news:fmmck-2B7EF0.19225709102010@5ad64b5e.bb.sky.com...
> In article
> <ib-dnWAgZv2hfS3RnZ2dnUVZ_sqdnZ2d@earthlink.com>,
> "Richard Knoppow" <dickburk@ix.netcom.com> wrote:
>
>> Thanks for the reply. It might be but I tried it with a
>> single 9V battery and it did not seem to be enough. Two
>> batteries in series allowed the cal adjustment to work
>> but I
>> don't want to just put 18V on it without knowing what the
>> actual required voltage is. I found a manual at a pay-for
>> site but its nearly as much as I payed for the tester.
>
> Richard-
>
> There is a 22.5 volt battery about the size of an AA cell,
> except it is
> square instead of round. I used one to convert the flash
> in an old film
> camera from two AA Cells to one 22.5 volt battery plus a
> similar-size
> electrolytic capacitor, as a "BC" flash system. With AA
> cells, the
> flash was not reliable. With the BC system, it never
> failed to fire.
>
> I'll look through my collection of manual links for the
> 890. The first
> one I checked had an 870, with about 30 pages scanned as
> individual GIF
> images:
>
> <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=11)_Stuff_Not_Sorted/2_Misc_
> Test_Equip/Hickok/870>
>
> Fred
> K4DII

I am familiar with the battery you mean. The clip in
the tester is for something close to the size of a D cell
although just a little shorter. I checked with a variable
power supply and it seems to require around 18 volts to work
so I can use a couple of 9 volt batteries in series but I

would like to know what is supposed to be there. Anything
you can come up with will be welcome. The 870 is a much more
elaborate set, not much similar to what I have.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

657. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-10 21:58:35 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <1JOdnZUiZ4qKqi_RnZ2dnUVZ_u4AAAAA@earthlink.com>
Source record: 876

"Scott Dorsey" <kludge@panix.com> wrote in message
news:i8r3ni$lp1$1@panix2.panix.com...
> Richard Knoppow <dickburk@ix.netcom.com> wrote:
>> Not exactly boatanchor but pretty old. I obtained a
>>Hickok 890A transistor tester recently. I can find nothing
>>whatever about it on the web. Does anyone have a handbook
>>or
>>know much about them? In particular I want to know what
>>sort
>>of battery was used. It has clips for five batteries,
>>three
>>are obviously for C cells but the other is evidently for a
>>high voltage battery of some sort. Its nearly the size of
>>a
>>size-D cell but its not. I can get some action from the
>>calibration adjustment from two 9V batteries in series. I
>>think the original must have been either a 12.5 or perhaps
>>22.5 volt cell. If anyone can help it would be greatly
>>appreciated. I have posted to the test equipment list but
>>my
>>posts don't seem to show up there.
>
> It's most probably a mercury battery, either the 8.4 or
> 12.something
> variety. As such, it's probably used as a voltage
> reference and replacing
> it with an unregulated alkaline battery will be bad.
> --scott
>
> --
> "C'est un Nagra. C'est suisse, et tres, tres precis."

That's possible but there is a "beta calibration"
adjustment on the front panel which is evidently for
compensating the voltage.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

658. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-10 22:15:39 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <YdOdnSZDLPuEpi_RnZ2dnUVZ_hOdnZ2d@earthlink.com>
Source record: 878

"Fred McKenzie" <fmmck@aol.com> wrote in message
news:fmmck-A386CF.20214809102010@5ad64b5e.bb.sky.com...
> In article
> <ib-dnWAgZv2hfS3RnZ2dnUVZ_sqdnZ2d@earthlink.com>,
> "Richard Knoppow" <dickburk@ix.netcom.com> wrote:
>
>> I found a manual at a pay-for
>> site but its nearly as much as I payed for the tester.
>
> Richard-
>
> I may have found one at EBAMAN.com. Downloading requires
> registration,
> which I assume to be free. It looks like 25 Megabytes if
> I read the
> discription correctly.
>
> <http://www.ebaman.com/index.php/remository/ELECTRONICS/Test-Equipment/Hi
> ckok/Hickok-890/>
>
> Fred
> K4DII

Thanks, I will have to download it later when I have
access to a high speed line. I am on a dial up here. This
may well be what I am looking for.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

659. Re: Hickok 890A Transistor Tester

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-11 02:10:02 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <oeqdnZ6HP8uY7y_RnZ2dnUVZ_v6dnZ2d@earthlink.com>
Source record: 879

"Fred McKenzie" <fmmck@aol.com> wrote in message
news:fmmck-A386CF.20214809102010@5ad64b5e.bb.sky.com...
> In article
> <ib-dnWAgZv2hfS3RnZ2dnUVZ_sqdnZ2d@earthlink.com>,
> "Richard Knoppow" <dickburk@ix.netcom.com> wrote:
>
>> I found a manual at a pay-for
>> site but its nearly as much as I payed for the tester.
>
> Richard-
>
> I may have found one at EBAMAN.com. Downloading requires
> registration,
> which I assume to be free. It looks like 25 Megabytes if
> I read the
> discription correctly.
>
> <http://www.ebaman.com/index.php/remository/ELECTRONICS/Test-Equipment/Hi
> ckok/Hickok-890/>
>
> Fred
> K4DII

Thank you very much Fred, this turns out to be it.
While I have an A version it appears to be essentially
identical. The mysterious battery is a 22.5 volt one so I
think a couple of 9 volt batteries in series will work OK.
Its also, of course, useful to know how its supposed to be
used. While individual transistors are considered obsolete
now I still work on quite a bit of gear that has them and
sometimes something more than a DMM is desirable for trouble
shooting them.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

660. RADIO WAVES? - What if gravity, charge, magnetism, etc. are nothing but phase relationships? Include quotes and type "phase coherence" into Google.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-11 18:39:46 UTC
From: fitz <zeusrdx@yahoo.com>
Message-ID: <37a9ded5-31bd-4700-92dc-4998d53bc691@e14g2000yqe.googlegroups.com>
Source record: 880

What if gravity, charge, magnetism, etc. are nothing but phase relationships? Include quotes and type "phase coherence" into Google.

Then you will find - - what Einstein couldn't - - the fact that I stated about "phase coherence". It's at many places in Google.

It was at the #1 TOP spot, in Google, from Sept./22/2010 . . . to . . . Oct./04/2010 (Fitz Finds a fact! - - Phase Coherence is the reason...)

Why did it take top spot in Google?

Because this is something Einstein tried to find but never did.

To see it click link:

http://www.amperefitz.com/top.spot.htm

Daniel P. Fitzpatrick Jr. (Fitz)

661. Help.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-18 03:24:08 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <i9geko$ll3$3@news.eternal-september.org>
Source record: 881

I have a near mint Sencore tube tester, model TC162 and I really need
the manual so I know what settings to use for various tubes.
Anybody?
TIA,
Bill Baka

662. Re: Help.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-18 03:29:42 UTC
From: kludge@panix.com
Message-ID: <i9gev6$c7p$1@panix2.panix.com>
Source record: 882

Bill Baka <bbaka@comcast.net> wrote:
>I have a near mint Sencore tube tester, model TC162 and I really need
>the manual so I know what settings to use for various tubes.
>Anybody?

The Mitey-Mite testers only measure emission, not transconductance, so all you really have to set are the pin positions. They are of limited utility except for quick comparisons between TV set tubes and the like.

BAMA has a manual for at least one of the Mitey-Mites, and I would be surprised if a call to Sencore didn't get you the full listing. However, I would also be very wary of emission measurements.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

663. Re: Help.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-18 03:42:36 UTC
From: Bill Baka <bbaka@comcast.net>
Message-ID: <i9gfnc$p24$1@news.eternal-september.org>
Source record: 883

On 10/17/2010 08:29 PM, Scott Dorsey wrote:
> Bill Baka<bbaka@comcast.net> wrote:
>> I have a near mint Sencore tube tester, model TC162 and I really need
>> the manual so I know what settings to use for various tubes.
>> Anybody?
>
> The Mitey-Mite testers only measure emission, not transconductance, so
> all you really have to set are the pin positions. They are of limited
> utility except for quick comparisons between TV set tubes and the like.

Another $5.00 garage sale item. I have a much better tester with the
manual in my garage but it is piled about 5 feet high. I was going to
attack it today with her so she could sort out her considerable
collection of English Literature. Kind of an obvious English major.
>
> BAMA has a manual for at least one of the Mitey-Mites, and I would be
> surprised if a call to Sencore didn't get you the full listing. However,
> I would also be very wary of emission measurements.
> --scott
>
I'm very careful with my stuff and just want to test a 5R4-GB9t?). I
have also found a stash of tubes I didn't even know about.
Put up a wish list and I will see if I have it. I have a lot of those
damned Compactrons that were spawned in the 60's and 70's. My room mate
and I bought a brand new zenith B/W around 75 or so and it had a mess of
those tubes and a bunch of those hated 7 and 9 pin tubes.
I also have steely's from as far back as the 30's that have never been
opened. Post wish lists and if I can get my good tester found I will
test each one before money changes hands.
Thanks,
Bill Baka

664. Re: Help.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-18 14:00:07 UTC
From: kludge@panix.com
Message-ID: <i9hjt7ptj1@panix2.panix.com>
Source record: 884

Bill Baka <bbaka@comcast.net> wrote:
>On 10/17/2010 08:29 PM, Scott Dorsey wrote:
>> BAMA has a manual for at least one of the Mitey-Mites, and I would be
>> surprised if a call to Sencore didn't get you the full listing. However,
>> I would also be very wary of emission measurements.
>>
>I'm very careful with my stuff and just want to test a 5R4-GB9t?). I
>have also found a stash of tubes I didn't even know about.

Put a 5R4 in it, find the filament pins, then find the plate and cathode
by trial and error. Adjust the shunt until you get a good result with a
known-good tube, then put the unknown in. You _can_ test diodes very
effectively with the emission tester.

>Put up a wish list and I will see if I have it. I have a lot of those
>damned Compactrons that were spawned in the 60's and 70's. My room mate
>and I bought a brand new zenith B/W around 75 or so and it had a mess of
>those tubes and a bunch of those hated 7 and 9 pin tubes.

Compactrons are basically worth nothing at all, but they are some of the
damned finest tube designs ever. I have used TV tuner compactrons for 2M
converters and had noise performance better than a nuvistor and better than
most solid state front ends. Some really impressive engineering went into
them, but they didn't have much of a chance to get used by the ham radio
folks.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

665. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-24 16:04:18 UTC
From: timlad28 <timlad28.70a1088@radiobanter.com>
Message-ID: <timlad28.70a1088@radiobanter.com>
Source record: 885

Richard Knoppow;718728 Wrote:
> "Scott Dorsey" kludge@panix.com wrote in message
> news:i760rtcsr1@panix2.panix.com...-
> timlad28 timlad28.6dbec08@radiobanter.com wrote:-
>
> Thank you for answering my post. Today, I managed to check
> the tube
> voltages and V12, Anode 3, measures -1.2v, when it should
> be 30v. All
> other voltages check out.-
>
> That sure would indicate something wrong. Check the value
> of the plate
> resistor in-circuit with a meter. Is it open?
>
> When resistors go bad, they usually increase rather than
> decrease in
> value. If the plate voltage is way too low, it's more
> likely to be
> something on the plate side of the circuit gone up rather
> than something
> on the cathode side one down.
> --scott-
>
> There is also a plate by-pass cap on that line, if it
> shorted or developed a low resistance it would pull the
> plate voltage down but its on the tube side of the BFO
> switch. I just wonder if he measured this with the BFO off.
> If all the DC voltages are as specified it suggests that
> something is not right in the RF, IF, or audio path. Signal
> tracing is the best way of finding out where the problem is.
> Now, some isolation can be had by seeing if the problem
> varies with the band. If it doesn't then its something
> common for all bands, but that could still be one of the rF
> amps as well as the mixer and IF stages. Another technique
> is to inject a modulated signal into the IF to see if its
> response is normal. It could be so many things that its hard
> to know what to suggest. Bad caps, bad solder joints, bad
> ground connection somewhere, resistor that has opened up.
> Carbon comp resistors seldom fail catastrophically, i.e.,
> going entirely open, but can change value substantially.
> Usually they go up in value but not always. Wire wound
> reistors often open up espececially due to corrosion at the
> weld between the ends of the resistance element and leads.

> An IF transformer may have gone open (unlikely).
> The RCA 88 is a very good receiver and is worth some
> effort to restore.
>
>
> --
> Richard Knoppow
> Los Angeles
> WB6KBL
>
> dickburk@ix.netcom.com

Hi Richard,

It's been a while but today I finally got time to run through the E773 doc for the AR88.

Testing the local oscillator stage at tube 3, I measured the D.C. voltage across R12 and got readings of -3.0v to -4.5v, not the 3 to 3.5V indicated. So something not right - which is good. Checked the voltage on tube 3 and it read 90-100v. Replaced with another tube and got similar readings. Does this mean the fault is in AF stage or this just symptom?

Regards,
Tim

P.S. I hope to have a signal generator shortly.

--
timlad28

666. Re: AR88D - Very Low R.F Gain

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-24 18:40:20 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <sNCdnaMssps94FnRnZ2dnUVZ_sKdnZ2d@earthlink.com>
Source record: 886

"timlad28" <timlad28.70a1088@radiobanter.com> wrote in
message news:timlad28.70a1088@radiobanter.com...
>
>
Long thread snipped.................
>
> Hi Richard,
>
> It's been a while but today I finally got time to run
> through the E773
> doc for the AR88.
>
> Testing the local oscillator stage at tube 3, I measured
> the D.C.
> voltage across R12 and got readings of -3.0v to -4.5v, not
> the 3 to 3.5V
> indicated. So something not right - which is good. Checked
> the voltage
> on tube 3 and it read 90-100v. Replaced with another tube
> and got
> similar readings. Does this mean the fault is in AF stage
> or this just
> symptom?
>
> Regards,
> Tim
>
> P.S. I hope to have a signal generator shortly.
>
>
>
>
> --
> timlad28

I don't have the complete E773 document. The one I have
and other AR-88 manuals do not specify a voltage across
R-12m a 1K resistor. Its shown as a series resistor in the
regulated voltage to the oscillator plate. Its probably part
of a decoupling resistor. I would not expect there to be
much of a voltage drop across it and the polarity will
depend on how you have connected the meter. You should see
about +150v to the chassis on one side and nearly that on
the other. The oscillator plate resistor is 10K (says 10M on

the schematics, that is an old abbreviation for thousands, can be confusing). Because R-12 is 1K the voltage across it will be directly in milliampers so 4V would be 4ma, not out of line for the tube. This translates to a 40V drop across the plate resistor. I don't think this is the problem.
I looked at four versions of the AR-88/CR-88 schematics and the resistor designations appear to be consistent. The document you have is a British army one so its just possible its different, I don't have their version of the schematic. Unfortunately, RCA does not have stage gain measurements in their instructions, they would be helpful.
I don't know what to suggest next. If you have checked the tubes for correct voltage and resistance at their sockets. It seems to me we discussed an error in an earlier part of this thread, something to do with the AVC and bias measurement, I think the British manual has the return point wrong.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

667. sexy photos

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-29 10:42:48 UTC
From: SRAVANTHI LOVE <sravanthi.sravya24@gmail.com>
Message-ID: <6b69aed9-3e9e-4c90-9284-13d4d4b98b55@r14g2000yqa.googlegroups.com>
Source record: 887

SONAM KAPOOR HOT BOOBS
http://unbelivablephotos.blogspot.com/2010/10/sonam-kapoor.html
AMISHAPATEL IN A SEXI FEEL
http://unbelivablephotos.blogspot.com/2010/10/amishapatel.html
MONALISA HOT BOOBS
http://unbelivablephotos.blogspot.com/2010/10/monalisa.html
HOT SEXY GIRL
http://unbelivablephotos.blogspot.com/2010/10/sexy.html
KAJAL IN A SEXY FEEL
http://unbelivablephotos.blogspot.com/2010/10/kajal-agarwal.htm
SEXY PRIYANKA CHOPRA
http://unbelivablephotos.blogspot.com/2010/10/priyanka-chopra.html
HOT MALLU AUNTY IN A BATHROOM
http://unbelivablephotos.blogspot.com/2010/10/sexy-mallu-aunty.html
AISH LATESET PHOTO
http://unbelivablephotos.blogspot.com/2010/10/aish-latest-photo.ht
RISHIKA BEAUTIFUL PHOTO
http://unbelivablephotos.blogspot.com/2010/10/rishika.html
MONICA LATESET PHOTO
http://unbelivablephotos.blogspot.com/2010/10/monica.html
PRIYAMANI UNSEENED PHOTO
http://unbelivablephotos.blogspot.com/2010/10/priyamani.html
KATRINA KAIF SPICY PHOTO
http://unbelivablephotos.blogspot.com/2010/10/katrina-kaif.html
KAMNAJET MALANI LOOKING HOT
http://unbelivablephotos.blogspot.com/2010/10/kamnajet-malani.html
BHAVYA HOT SEXY BOOBS
http://unbelivablephotos.blogspot.com/2010/10/bhavya.html
NAMITHA EXPOSING PHOTO
http://unbelivablephotos.blogspot.com/2010/10/namitha.html
SRISHA NAVEL SHOW
http://unbelivablephotos.blogspot.com/2010/10/srisha.html
SNEHA IN A BATH ROOM
http://unbelivablephotos.blogspot.com/2010/10/sneha.html
RIYASEN HOT PHOTO
http://unbelivablephotos.blogspot.com/2010/10/riyasen.html
ARCHANA UNBELIVABLE PHOTO
http://unbelivablephotos.blogspot.com/2010/10/archana.html
SHRIYA IN A SEXY FEEL
http://unbelivablephotos.blogspot.com/2010/10/shriya.html

668. Ameco PCL Preamp

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-29 12:49:53 UTC
From: DwightB <DwightB.710a808@radiobanter.com>
Message-ID: <DwightB.710a808@radiobanter.com>
Source record: 888

I have one of these that I wish to get working for a 160m receive antenna.

Anyone knowledgeable with the Ameco Preamps.

It has no power supply, only has a two wires with gnd coming out of it.

One of the leads go to the on/off sw for the filaments of the nuvistor and the other appears to be for the plate supply.

I downloaded a schematic/manual from bawa close to what mine is. From what I've gathered it needs 6.3v @ 2a dc/ac for the filaments and 125 @ 50ma dc for the B+.

One thing is, it looks like someone added a 12K 1w resistor in the B+ line for some reason.

I can scan and take pix of what I have if someone could help me out with this to get it going.

thanks ... 73 Dwight NS9I

--
DwightB

669. Hammarlund Telechron

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-10-31 11:57:02 UTC
From: soulstreamer <soulstreamer.7135918@radiobanter.com>
Message-ID: <soulstreamer.7135918@radiobanter.com>
Source record: 889

I have a Telechron clock on a Hammarlund HQ 145. It works fine but is missing the extension shaft that protrudes out the back. To set the clock, I have to disasseble the unit, and turn the shaft with a needle nose vice grip.
Very much a pain in neck. Any suggestions for a fix?

Thanks, Tom Katzele

--
soulstreamer

670. Re: Hammarlund Telechron

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-01 21:17:48 UTC
From: Dave Heil <k8mn@frontiernet.net>
Message-ID: <58Gzo.7670$8l4.6281@newsfe02.iad>
Source record: 890

On 10/31/2010 11 57, soulstreamer wrote:
> I have a Telechron clock on a Hammarlund HQ 145. It works fine but is
> missing the extension shaft that protrudes out the back. To set the
> clock, I have to disasseble the unit, and turn the shaft with a needle
> nose vice grip.
> Very much a pain in neck. Any suggestions for a fix?
>
> Thanks, Tom Katzele

Tom, just visit a hobby shop which sells small diameter brass or copper tube. Solder a piece of tubing long enough to pass through the back of the cabinet with a little to spare. In an old HQ-170, I found that a knob designed for and 1/8" shaft fit the tubing nicely. Good luck.

Dave Heil K8MN

671. Re: Drake filter by Sherwood Engineering

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-02 01:41:13 UTC
From: Evan <k9sqg@arrl.net>
Message-ID: <5b40fa54-3982-452e-bad2-a21ba0ac9c28@p1g2000yqm.googlegroups.com>
Source record: 891

On Oct 9, 12:11 pm, "Antonio Vernucci" <vernu...@tin.it> wrote:
> "Evan" <k9...@arrl.net> ha scritto nel
messaggionews:a0f8e264-ad5b-4e18-9cf8-dd5bdbe345a2@n26g2000yqh.googlegroups.com...
>
> > Fellow Drake Enthusiasts,
>
> > I have a 2 kc narrow SSB filter for the Drake R4C made by Sherwood
> > Engineering. It is somewhat uncommon because it is a 16 pole filter
> > and not 8 poles like the standard (optional) filters. I am unable to
> > find any specs on this filter, graphs of skirt shape, etc. Would be
> > interested in a hard copy or electronic copy of any info that is
> > available for this filter.
>
> > Thanks for reading this post and enjoy those Drakes.
>
> > 73,
>
> > Evan, K9SQG
> > K9...@ARRL.net
>
> I have that filter since almost 30 years. It is three times bigger than a normal
> Drake filter. It bears the label CF-2K/16.
>
> I have a one-page datasheet from Sherwood, in which they state that its bandwith
> @6dB is 1,800 Hz.
>
> If you give me an e-mail address, I woll send you a scan of that page.
>
> 73
>
> Tony I0JX
> Rome Italy

Tony,

Yes, I would greatly enjoy seeing a scan of that data sheet. Thanks
so much.

73,

Evan, K9SQG

672. Re: Drake filter by Sherwood Engineering

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-02 21:23:16 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4cd08137$0$40000$4fafbaef@reader3.news.tin.it>
Source record: 892

> Drake filter. It bears the label CF-2K/16.
>
> I have a one-page datasheet from Sherwood, in which they state that its
> bandwith
> @6dB is 1,800 Hz.
>
> If you give me an e-mail address, I woll send you a scan of that page.
>
> 73
>
> Tony I0JX
> Rome Italy

Tony,

Yes, I would greatly enjoy seeing a scan of that data sheet. Thanks
so much.

73,

Evan, K9SQG

OP I'll send it to your e-mail address right away.

73

Tony I0JX

673. онлайн флеш и&

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-05 11:15:33 UTC
From: Tyretivoqi <Tyretivoqi.719f098@radiobanter.com>
Message-ID: <Tyretivoqi.719f098@radiobanter.com>
Source record: 893

Hello, привет,
зацените link
'херовый
сайт' (http://yandex.ru).
Если чё,
снесите
топик плиз!

--
Tyretivoqi

674. Re: онлайн флеш и&

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-06 14:29:57 UTC
From: olfart <olfart65@excite.com>
Message-ID: <ib3op3$932$1@speranza.aioe.org>
Source record: 894

"Tyretivoqi" <Tyretivoqi.719f098@radiobanter.com> wrote in message
news:Tyretivoqi.719f098@radiobanter.com...
>
> Hello, привет,
> зацените link
> 'херовый
> сайт' (http://yandex.ru).
> Если чё,
> снесите
> топик плиз!
>
>
>
>
> --
> Tyretivoqi

Looks like Roll Call for a group of Russian Secret Agents

675. Re: онлайн флеш и&

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-09 16:12:32 UTC
From: ai8o <ai8o@lexcominc.net>
Message-ID: <7fe45001-275b-4772-9f42-6c12ece2bc94@42g2000prt.googlegroups.com>
Source record: 895

On Nov 6, 9:29 am, "olfart" <olfar...@excite.com> wrote:
> "Tyretivoqi" <Tyretivoqi.719f...@radiobanter.com> wrote in message
> Looks like Roll Call for a group of Russian Secret Agents

DADDX AFFGD XDGGA FDXFF

GFADA

676. she is hot and husbond is far away

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-10 10:14:26 UTC
From: jayanajaanu <jayanajaanu@yahoo.com>
Message-ID: <ebf94c44-a5b9-4e83-8e1e-6d5e030dd030@i4g2000pro.googlegroups.com>
Source record: 896

she is hot and husbond is far away
http://cmin.us/e34I

677. Manual for Harris/PRD 2020 Vector Voltmeter

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-11 19:04:50 UTC
From: Jorgen Kragh <Jorgen.Kragh.7222df9@radiobanter.com>
Message-ID: <Jorgen.Kragh.7222df9@radiobanter.com>
Source record: 897

Dr OMs

I am searching for a Service manual for Harris/PRD Type P2020 Vector Voltmeter with a type 2021 Sampling Head.

The voltmeter looks as being of same generation as the HP 8450 but obviously much more scarce. A search by Google does not give any usable results, at least with my limited abilities

Can anybody help?

vy 73

Jorgen, OZ7TA

--
Jorgen Kragh

678. FA: AN/PRT-4A transmitter with accessories

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-12 04:11:08 UTC
From: ElectronRon <>
Message-ID: <8dfpd65ol0pb31qj5lrl849hdpd16dc084@4ax.com>
Source record: 898

Military Radio, AN/PRT-4A handheld transmitter, companion to AN/PRR-9
receiver.
Operational condition, set up on 51MHz FM, with manual and
accessories.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=140475216446

Okay, it's a SMALL boatanchor. :)

679. earn online job.com

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-12 07:15:54 UTC
From: vimal adithan <vimal.adi.adithan@gmail.com>
Message-ID: <c302a450-3694-44e7-8883-cb543064d419@x7g2000prj.googlegroups.com>
Source record: 899

: http://123maza.com/35/card128/

680. Collins 51S-1 receiver - vintage spare parts on sale

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-13 04:35:58 UTC
From: servis_za_elektroniku@yahoo.com
Message-ID: <7ad0af94-8831-4e3c-ad7f-dd030034e5fe@y31g2000vbt.googlegroups.com>
Source record: 900
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.swap,alt.ham-radio.marketplace,it.hobby.radioamatori,dk.fritid.hamradio

For complete list check my store

www.fm-tx.com

or click here --------->
http://stores.ebay.com/fm-tx_Collins-51S-1_W0QQ_fsubZ10946998QQ_sidZ9...

681. JENNIFER ANNISTON Seducing for SEX in the BEDROOM

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-13 09:29:04 UTC
From: hari kumar <hari.kumar8412@gmail.com>
Message-ID: <784dc93f-56a7-4684-ae8c-2ce0f4fa9e2d@n10g2000prj.googlegroups.com>
Source record: 801

I Have Hidden the Videos in an IMAGE..... CLICK on the IMAGE which is
BELOW the SEARCH BOX which is on the RIGHT SIDE of the website
http://www.girlsactress4u.euro.st

682. XXX HOT PHOTOS&VIDEOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-14 17:08:29 UTC
From: guru <sridatta9247@gmail.com>
Message-ID: <057116ed-2d2f-4c9d-890e-1895036a9974@f16g2000prj.googlegroups.com>
Source record: 802

FOR SAVE WATER AND CHILD PROTECTION
http://savewaterinworld.blogspot.com

HOT COUPLE ROMANCE
http://babes-devi.blogspot.com/2010/11/couples-in-romance.html
PRANEEHA HOT PICS
http://babes-devi.blogspot.com/2010/11/praneetha-latest-pics.html
AISHWARIYA LATEST HOT PICS
http://babes-devi.blogspot.com/2010/10/aish-latest-pics.html
SOUTHACTRESS IN A SEXY TOWELS
http://babes-devi.blogspot.com/2010/10/south-actress-in-sexy-towels.html
UDAYATHRA IN A BATH ROOM
http://babes-devi.blogspot.com/2010/10/udayatara-in-bath.html
ACTRESS IN A HOT RED DRESS
http://babes-devi.blogspot.com/2010/10/actress-in-sexy-red-dress.html
ASIN CUTE HOT PHOTOS
http://babes-devi.blogspot.com/2010/09/asin-cute-photos.html
SEXY CHARMI IN A BATH
http://babes-devi.blogspot.com/2010/06/charmi-in-bath.html
FOR HOT PHOTOS&VIDEOS
http://babes-devi.blogspot.com/2010_06_01_archive.html
HOT SEXY BOOBS SHOW
http://babes-devi.blogspot.com/2010/09/sexy-boobs.html
ASIN CUTE HOT PHOTOS
http://babes-devi.blogspot.com/2010/09/asin-cute-photos.html
ANKHITA SPICY PHOTOS
http://babes-devi.blogspot.com/2010/08/sexy-ankhitha.html

683. Johnson Viking Valiant blocking capacitor change

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-16 03:50:00 UTC
From: Evan <k9sqg@arrl.net>
Message-ID: <ad40f637-ceb3-427f-a144-009168875cc5@l32g2000yqc.googlegroups.com>
Source record: 803

Fellow boatanchor enthusiasts,

I'm going to replace the 500 pf TV style doorknob blocking capacitor in my Johnson Viking Valiant (original not II) and will use a larger value doorknob designed for higher RF current. I've heard 160 meter output can be improved if a larger cap is used but have not heard what value to strive for. Any suggestions or experience?

And don't forget the Old Gear Junk and Amplifier Builders' Net, and the Drake and Antique Tube Gear Net.

73,

Evan, K9SQG@ARRL.net

684. Re: Johnson Viking Valiant blocking capacitor change

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-16 14:19:22 UTC
From: kludge@panix.com
Message-ID: <ibu3taiim1@panix2.panix.com>
Source record: 804

Evan <k9sqg@arrl.net> wrote:
>Fellow boatanchor enthusiasts,
>
>I'm going to replace the 500 pf TV style doorknob blocking capacitor
>in my Johnson Viking Valiant (original not II) and will use a larger
>value doorknob designed for higher RF current. I've heard 160 meter
>output can be improved if a larger cap is used but have not heard what
>value to strive for. Any suggestions or experience?

I'd try doubling it. There isn't really any way to have too large a value
(until you get so large that it takes some time to charge up when you put
the key down, and that's many orders of magnitude larger). However, big caps
are not cheap and I suspect you'll see diminishing returns pretty quickly.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

685. FS: Tempo PS; Fluke PS; HB UHF Xmtr; Dummy Ant.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-16 21:44:18 UTC
From: Eugene Rippen <soundval@muchstuff.com>
Message-ID: <Xns9E328BBF3BE5Cer7373@69.16.186.8>
Source record: 805

Tempo AC-1 power supply in the speaker cabinet. Works. Looks good.
$90.00
plus a shipping charge that would be for 25 pounds. No pickup.
http://www.muchstuff.com/11-12-10ham/p1000671.jpg
http://www.muchstuff.com/11-12-10ham/p1000672.jpg
http://www.muchstuff.com/11-12-10ham/p1000673.jpg

(2) Ohmite Dummy Antennas, 250 watts each. Standard tube type 4 pin
base.
The base on one needs replacing. See pic. $20.00, plus a shipping charge
that would be for 2 pounds. No pickup.
http://www.muchstuff.com/11-12-10ham/p1000674.jpg

Fluke Bench Power Supply. Model 407. $90.00 obo, plus a shipping charge
for
40 pounds. Will allow pickup here in Auburn, CA.
http://www.muchstuff.com/11-12-10ham/p1000675.jpg
http://www.muchstuff.com/11-12-10ham/p1000676.jpg
http://www.muchstuff.com/11-12-10ham/p1000677.jpg

UHF homebrew transmitter with a PL-4D21 tube. Great looking. A Motorola
Power Supply that has the high voltage transformer already removed for
shipping. However, I don't expect that anyone wants to pay for what I
would
charge for packing this PS and transformer. So this is for pickup here
in
Auburn. The actual net weight is: Transmitter 8 pounds. Power Supply
75
pounds. and the transformwer 50 pounds. If I pack, will want $75 for my
labor and materials, plus the actual FedEx charge.
I know nothing more than what one can see about these items. I would see
the power supply with transformer separate only after the transmitter is
sold. I have no way of setting a price for these items. Please make an
offer.
http://www.muchstuff.com/11-12-10ham/p1000678.jpg
http://www.muchstuff.com/11-12-10ham/p1000679.jpg
http://www.muchstuff.com/11-12-10ham/p1000680.jpg
http://www.muchstuff.com/11-12-10ham/p1000685.jpg
http://www.muchstuff.com/11-12-10ham/p1000683.jpg
http://www.muchstuff.com/11-12-10ham/p1000682.jpg
http://www.muchstuff.com/11-12-10ham/p1000681.jpg

PayPal, USPS Money Order or Personal check (for which I will wait till it
clears)
If there is to be a pickup I must be paid in full in advance.

Eugene Rippen, WB6SZS
Auburn, CA.

686. Hellow to all.... from North Carolina

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-18 03:09:51 UTC
From: Plotus <Plotus.72a6b58@radiobanter.com>
Message-ID: <Plotus.72a6b58@radiobanter.com>
Source record: 806

Well just a fiew minuates ago I registered, and now hope to do a lot of post reading. Im into shortwave listening with my Hammarlund. It's from the 1940's and alot of fun. I'm living in south central North Carolina, loving it. Hope to participate in the forum soon.... Rich AKA Plotus

--
Plotus

687. Re: Hellow to all.... from North Carolina

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-18 11:09:46 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <ic325i01ru7@news5.newsguy.com>
Source record: 807

Plotus wrote:
> Well just a fiew minuates ago I registered, and now hope to do a lot of
> post reading. Im into shortwave listening with my Hammarlund. It's from
> the 1940's and alot of fun. I'm living in south central North Carolina,
> loving it. Hope to participate in the forum soon.... Rich AKA Plotus
>
>
Hi Rich, and welcome.

Where are you from in NC? I'm originally from Laurinburg.

Only BA left here is a Hammarlund HQ-180A. I got diverted into
homebrewing :)

http://www.sparkbench.com/homebrew/homebrew.html

Bill - WX4A/KP4

688. Amature amature.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-19 14:13:01 UTC
From: Plotus <Plotus.72c6598@radiobanter.com>
Message-ID: <Plotus.72c6598@radiobanter.com>
Source record: 808

Well yesterday I knew less than nothing about shortwave details, today I know twice as much thanks to the forum and it's sponsors and advertisers. Lol.... Serriously though.... I'm finding a wealth of information and quickly. My first couple sw recievers were one from Radio Shack, and then a Hitachi boom box CD/AM/FM/SW/CASSETTE unit with amazing clarity and tuning. Wish I could find info on that unit, and look on ebay for one to purchase again. Right now I have a Hammarlund HQ120 which I just got out of NY on an ebay auction. I'm still awaiting its arrival so some of you might remember your first ebay purchase of a radio and remember it fondly. It looked nice in the pictures, but as always came with the usual "I'm a florist and know nothing about this unit".... the bulbs light....duhhh. Well I suppose I'd better get used to those kind of representations if I continue collecting on ebay and elsewhere. I'll put a picture if my 'Darlin' up here. I'll need to be finding a manual next and a plan of attack on cleaning and addressing this unit to get it back into presentable top form. I'm looking forward to getting aquainted to the members and 'Sages' here on the forum..
Rich AKA Plotus

```
+-----------------------------------------------------------------+
|Filename: !B8(htKg!mk~$(KGrHqR,!jYEzKI2lvZKBM20gKGmg!~~_3.jpg |
|Download: http://www.radiobanter.com/attachment.php?attachmentid=801|
+-----------------------------------------------------------------+
```

--
Plotus

689. Re: Hellow to all.... from North Carolina

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-19 17:27:25 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <4r2dnWI_88DCLnvRnZ2dnUVZ_omdnZ2d@giganews.com>
Source record: 809

On 11/18/2010 6:09 AM, Bill M wrote:
> Only BA left here is a Hammarlund HQ-180A. I got diverted into
> homebrewing :)
>
> http://www.sparkbench.com/homebrew/homebrew.html
>
> Bill - WX4A/KP4

Beautiful homebrew craftsmanship, Bill!
Thanks for sharing.

73,
Ed Knobloch

690. Re: Hellow to all.... from North Carolina

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-19 22:20:21 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <ic6t780nfj@news7.newsguy.com>
Source record: 810

Edward Knobloch wrote:
> On 11/18/2010 6:09 AM, Bill M wrote:
>> Only BA left here is a Hammarlund HQ-180A. I got diverted into
>> homebrewing :)
>>
>> http://www.sparkbench.com/homebrew/homebrew.html
>>
>> Bill - WX4A/KP4
>
>
> Beautiful homebrew craftsmanship, Bill!
> Thanks for sharing.
>
> 73,
> Ed Knobloch

Thank you.
-Bill

691. Re: Amature amature.

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-20 02:52:51 UTC
From: david <none@nospam.com>
Message-ID: <ic7d63$dp5$1@news.eternal-september.org>
Source record: 811

On Fri, 19 Nov 2010 14:13:01 +0000, Plotus rearranged some electrons to say:

> Well yesterday I knew less than nothing about shortwave details, today I
> know twice as much thanks to the forum and it's sponsors and
> advertisers. Lol.... Serriously though.... I'm finding a wealth of
> information and quickly. My first couple sw recievers were one from
> Radio Shack, and then a Hitachi boom box CD/AM/FM/SW/CASSETTE unit with
> amazing clarity and tuning. Wish I could find info on that unit, and
> look on ebay for one to purchase again. Right now I have a Hammarlund
> HQ120 which I just got out of NY on an ebay auction. I'm still awaiting
> its arrival so some of you might remember your first ebay purchase of a
> radio and remember it fondly. It looked nice in the pictures, but as
> always came with the usual "I'm a florist and know nothing about this
> unit".... the bulbs light....duhhh. Well I suppose I'd better get used
> to those kind of representations if I continue collecting on ebay and
> elsewhere. I'll put a picture if my 'Darlin' up here. I'll need to be
> finding a manual next and a plan of attack on cleaning and addressing
> this unit to get it back into presentable top form. I'm looking forward
> to getting aquainted to the members and 'Sages' here on the forum.. Rich
> AKA Plotus
>
>
> +---+
> |Filename: !B8(htKg!mk~$(KGrHqR,!jYEzKI2lvZKBM20gKGmg!~~_3.jpg |
> |Download: http://www.radiobanter.com/attachment.php?attachmentid=801|
> +---+

This is Usenet. If you're seeing this anywhere else,as a "forum", they are just stealing the Usenet feed.

692. xtals for Hellicraft FPM-300

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-20 22:24:14 UTC
From: No Spam <nospam@nospam.com>
Message-ID: <ic9hqe$6va$1@news.albasani.net>
Source record: 812

Hi Folks
I have a FPM-300 with a few dead xtals. I can order the xtals but I have no clue about the designation of the mount or the pf/ohm of the xtal.

The manual has part numbers but none of the other information. (see below)

As far as the size, the manual describes needing a "type CR-55A/U or CR-72/U for HC-18/U holder" but http://jancrystals.com/chart.html and others only describe other specs (HC25 plugin can) that appear to be the same size.

How wrong could I be in ordering a xtal that physically looks right at the proper freq?

CR405 43.0Mhz 019-04749
CR406 43.5Mhz 019-04751
CR407 44.0Mhz 019-04752

693. Re: xtals for Hellicraft FPM-300

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-21 00:20:50 UTC
From: Fred McKenzie <fmmck@aol.com>
Message-ID: <fmmck-37AE66.19205020112010@5ad64b5e.bb.sky.com>
Source record: 813

In article <ic9hqe$6va$1@news.albasani.net>,
No Spam <nospam@nospam.com> wrote:

> Hi Folks
> I have a FPM-300 with a few dead xtals. I can order the xtals but I have
> no clue about the designation of the mount or the pf/ohm of the xtal.
>
> The manual has part numbers but none of the other information. (see below)
>
> As far as the size, the manual describes needing a "type CR-55A/U or
> CR-72/U for HC-18/U holder" but http://jancrystals.com/chart.html and
> others only describe other specs (HC25 plugin can) that appear to be the
> same size.
>
> How wrong could I be in ordering a xtal that physically looks right at
> the proper freq?
>
>
> CR405 43.0Mhz 019-04749
> CR406 43.5Mhz 019-04751
> CR407 44.0Mhz 019-04752

NS-

Holders that look similar may have different pin spacing and/or diameter. In addition, the crystal must match the circuit it is used in. Choices may include impedance, whether it is series or parallel resonant at the specified frequency, and load capacitance of the circuit.

Crystal manufacturers often have a collection of data for equipment for which they have provided crystals. You need to talk to someone at the manufacturer to find if they have crystal data for your specific equipment. If not, you must provide the crystal's circuit diagram so they can determine the necessary parameters.

Jan Crystals has been around for a long time, so may have your crystal data in their files. International Crystal and Bliley Technologies are also older companies that may have extensive data.

Fred
K4DII

694. Re: xtals for Hellicraft FPM-300

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-21 02:34:11 UTC
From: kludge@panix.com
Message-ID: <ica0f3sji1@panix2.panix.com>
Source record: 814

No Spam <nospam@nospam.com> wrote:
>Hi Folks
>I have a FPM-300 with a few dead xtals. I can order the xtals but I have
>no clue about the designation of the mount or the pf/ohm of the xtal.
>
>The manual has part numbers but none of the other information. (see below)
>
>As far as the size, the manual describes needing a "type CR-55A/U or
>CR-72/U for HC-18/U holder" but http://jancrystals.com/chart.html and
>others only describe other specs (HC25 plugin can) that appear to be the
>same size.

If you call up ICM or JAN, they will almost certainly have the required
specs in the book and they can tell you exactly what you need. Expect
to pay $20 each or so.

>How wrong could I be in ordering a xtal that physically looks right at
>the proper freq?

If it's designed for different load capacitance, it won't be right on
frequency. For an application like this, that's not critical but it
might require a little tweaking. Just call them up and they'll know
how to do it precisely.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

695. Re: Johnson Viking Valiant blocking capacitor change

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-22 02:51:34 UTC
From: John Hurst <hurstjsj@gmail.com>
Message-ID: <54d8d7f7-d568-4f63-99b2-8b289e54b1c8@a30g2000vbt.googlegroups.com>
Source record: 815

> I'd try doubling it. There isn't really any way to have too large a value
> (until you get so large that it takes some time to charge up when you put
> the key down, and that's many orders of magnitude larger). However, big caps
> are not cheap and I suspect you'll see diminishing returns pretty quickly.
> --scott

Actually that's not true with plate modulation. The coupling cap
bypasses B+ audio through the pi network L, the safety RFC and/or a
DC path from the antenna to ground.

John, KU6X

696. Re: Hellow to all.... from North Carolina

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-23 04:35:06 UTC
From: Ron in Radio Heaven <w4ron@carolina.rr.com>
Message-ID: <ef8a293e-e0eb-4093-8d2f-ee429aca500b@k30g2000vbn.googlegroups.com>
Source record: 816

On Nov 17, 10:09 pm, Plotus <Plotus.72a6...@radiobanter.com> wrote:
> Well just a fiew minuates ago I registered, and now hope to do a lot of
> post reading. Im into shortwave listening with my Hammarlund. It's from
> the 1940's and alot of fun. I'm living in south central North Carolina,
> loving it. Hope to participate in the forum soon.... Rich AKA Plotus

South central NC sounds like Charlotte.
I'm near Matthews.

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html
http://cloughbrengle.homestead.com/

697. TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-26 14:48:16 UTC
From: Plotus <Plotus.735a018@radiobanter.com>
Message-ID: <Plotus.735a018@radiobanter.com>
Source record: 817

With the Hammarlund HQ120 that I recently purchased, If been having a great time DXing on all the bands and learning the in's and out's of this particular Vintage radio operation. However, yesterday I lost my OD3 tube. While working, I noticed that it put off a what appeared to be... ultraviolet or bluish colored light, and about mid-day the radio quit working. Wondering what might have went out, I let the radio return to room temp and later turned it back on with the top lid opened a couple inches to view the bulbs in operation. From what I could see, they all lit except the OD3 tube which I initally noticed because of the color, so I asume that is the cause of inoperability. I got online and bought a tube kit which included a complete HQ120 tube-set. I have no idea of course as to the lifespan of the old 'original' ....OD3 tube and if it's 'is' original or has been replaced sometime in the life of this radio.

Back to the title of this post.... should one operate the HQ with the lid opened for cooling or add additional fan cooling from an outside source? Also I was operating this in an enclosed cabinet with sides, top and back, with about 8-10" of open space all around the radio? The inside temp of the room was probably 60 or so degrees, so it was typical cool fall weather. SHOULD I also cool and have the hood open? and should it be in a more open environment? Thanks.....
Plotus AKA Richard...

--
Plotus

698. HQ-120 was Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-26 17:31:15 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <jbadnecU5vt7c3LRnZ2dnUVZ_oCdnZ2d@giganews.com>
Source record: 818

On 11/26/2010 9:48 AM, Plotus wrote:
><snip> However, yesterday I lost my
> OD3 tube. While working, I noticed that it put off a what appeared to
> be... ultraviolet or bluish colored light, and about mid-day the radio
> quit working. Wondering what might have went out, I let the radio return
> to room temp and later turned it back on with the top lid opened a
> couple inches to view the bulbs in operation. From what I could see,
> they all lit except the OD3 tube which I initally noticed because of the
> color, so I asume that is the cause of inoperability. <snip>

Hi,
An 0D3 tube normally glows blue or pink when operating.
It is a gas-filled voltage regulator,
and operates like a 150V Zener diode.
The fact that the 0D3 is now dark and your radio has stopped working
indicates that you have lost the dc supply in your HQ-120.
I'd look carefully at the electrolytics in your power supply,
one may have developed a short.

73,
Ed Knobloch

699. Re: HQ-120 was Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-26 20:20:22 UTC
From: KD7HB <co_farmer@yahoo.com>
Message-ID: <f9f47ff3-b5db-4683-a3c5-3dee6d3a1b69@c17g2000prm.googlegroups.com>
Source record: 819

On Nov 26, 9:31 am, Edward Knobloch <al...@nowhere.net> wrote:
> On 11/26/2010 9:48 AM, Plotus wrote:
>
> ><snip> However, yesterday I lost my
> > OD3 tube. While working, I noticed that it put off a what appeared to
> > be... ultraviolet or bluish colored light, and about mid-day the radio
> > quit working. Wondering what might have went out, I let the radio return
> > to room temp and later turned it back on with the top lid opened a
> > couple inches to view the bulbs in operation. From what I could see,
> > they all lit except the OD3 tube which I initally noticed because of the
> > color, so I asume that is the cause of inoperability. <snip>
>
> Hi,
> An 0D3 tube normally glows blue or pink when operating.
> It is a gas-filled voltage regulator,
> and operates like a 150V Zener diode.
> The fact that the 0D3 is now dark and your radio has stopped working
> indicates that you have lost the dc supply in your HQ-120.
> I'd look carefully at the electrolytics in your power supply,
> one may have developed a short.
>
> 73,
> Ed Knobloch

My guess would be the the dropping resistor in series with the 0D3.
The 0D3 probably supplies the oscillator and possible the bfo tubes.
So, they won't work and you won't receive anything. However, you
should be able to still get some sound from the audio stages.

The other possibility is the rectifier died and then you will not have
any audio output and the 0D3 will not light. Look for the heater in
the rectifier, 5Y3?, should be glowing.

If you detect a bad smell, then it is more serious!

Paul, KD7HB

700. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-27 12:00:00 UTC
From: Plotus <Plotus.736f198@radiobanter.com>
Message-ID: <Plotus.736f198@radiobanter.com>
Source record: 821

KD7HB;724314 Wrote:
> On Nov 26, 9:31*am, Edward Knobloch al...@nowhere.net wrote:-
> On 11/26/2010 9:48 AM, Plotus wrote:
> -
> snip *However, yesterday I lost my
> OD3 tube. While working, I noticed that it put off a what appeared to
> be... ultraviolet or bluish colored light, and about mid-day the
> radio
> quit working. Wondering what might have went out, I let the radio
> return
> to room temp and later turned it back on with the top lid opened a
> couple inches to view the bulbs in operation. From what I could see,
> they all lit except the OD3 tube which I initally noticed because of
> the
> color, so I asume that is the cause of inoperability. snip-
>
> Hi,
> An 0D3 tube normally glows blue or pink when operating.
> It is a gas-filled voltage regulator,
> and operates like a 150V Zener diode.
> The fact that the 0D3 is now dark and your radio has stopped working
> indicates that you have lost the dc supply in your HQ-120.
> I'd look carefully at the electrolytics in your power supply,
> one may have developed a short.
>
> 73,
> Ed Knobloch-
>
> My guess would be the the dropping resistor in series with the 0D3.
> The 0D3 probably supplies the oscillator and possible the bfo tubes.
> So, they won't work and you won't receive anything. However, you
> should be able to still get some sound from the audio stages.
>
> The other possibility is the rectifier died and then you will not have
> any audio output and the 0D3 will not light. Look for the heater in
> the rectifier, 5Y3?, should be glowing.
>
> If you detect a bad smell, then it is more serious!
>
> Paul, KD7HB I did have a distinct acrid odd smell, no smoke was discernable and the
radio still powers up but will not tune in any band. The on/off/audio
gain switch turns on the radio of course and the ever present low
decible hum is present. Thanks for the tips and info guys.

I have found a semi-local (75 miles away) restoration/repair shop David De Betta in Pineville NC. I'll be contacting him this morning hopefully to schedule a repair. At this juncture of my novice knowledge, I believe it would be prudent.....lol 'GW bush' lol, again thanks.

--
Plotus

701. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-27 15:43:42 UTC
From: kludge@panix.com
Message-ID: <icr8vesbv1@panix2.panix.com>
Source record: 820

Plotus <Plotus.735a018@radiobanter.com> wrote:
>
>With the Hammarlund HQ120 that I recently purchased, If been having a
>great time DXing on all the bands and learning the in's and out's of
>this particular Vintage radio operation. However, yesterday I lost my
>OD3 tube. While working, I noticed that it put off a what appeared to
>be... ultraviolet or bluish colored light, and about mid-day the radio
>quit working.

The OD3 is a cold-cathode regulator tube. It's supposed to be glowing
with a blue light, that is how you know it is working. You can tell it
is a cold-cathode tube since the first number is a zero, indicating it
has no filament.

Wondering what might have went out, I let the radio return
>to room temp and later turned it back on with the top lid opened a
>couple inches to view the bulbs in operation. From what I could see,
>they all lit except the OD3 tube which I initally noticed because of the
>color, so I asume that is the cause of inoperability.

No, it's a symptom that you have no high voltage going into the OD3,
either because it's not coming out of the transformer or because there
is a rectifier or droppin resistor gone bad.

>I got online and
>bought a tube kit which included a complete HQ120 tube-set. I have no
>idea of course as to the lifespan of the old 'original' ....OD3 tube and
>if it's 'is' original or has been replaced sometime in the life of this
>radio.

It's fine, there's probably nothing wrong with and there's probably nothing
wrong with any of the other tubes either. Heat the thing up, pull the
bottom of the case, and get out the meter. Work back from the OD3 plate
pin to the plug and see where the voltage drops.

>Back to the title of this post.... should one operate the HQ with the
>lid opened for cooling or add additional fan cooling from an outside
>source? Also I was operating this in an enclosed cabinet with sides, top
>and back, with about 8-10" of open space all around the radio? The
>inside temp of the room was probably 60 or so degrees, so it was typical
>cool fall weather. SHOULD I also cool and have the hood open? and should
>it be in a more open environment? Thanks.....

It won't hurt to keep it cooler and it might last longer, but if you run
it with the lid open, the RF performance will be degraded since you will
have defeated much of the shielding.

--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

702. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-27 17:45:29 UTC
From: Bill M <radioexray@geeeemail.com>
Message-ID: <icrg3q02eri@news1.newsguy.com>
Source record: 822

Scott Dorsey wrote:

>
> No, it's a symptom that you have no high voltage going into the OD3,
> either because it's not coming out of the transformer or because there
> is a rectifier or droppin resistor gone bad.

Another possibility would be something on the load side is pulling down
the B+. Short/partial short, etc.

-B.

703. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-29 13:04:11 UTC
From: Plotus <Plotus.7399498@radiobanter.com>
Message-ID: <Plotus.7399498@radiobanter.com>
Source record: 823

'Bill M[_5_ Wrote:
> ;724398']Scott Dorsey wrote:
> -
>
> No, it's a symptom that you have no high voltage going into the OD3,
> either because it's not coming out of the transformer or because there
> is a rectifier or droppin resistor gone bad.-
>
> Another possibility would be something on the load side is pulling down
>
> the B+. Short/partial short, etc.
>
> -B. The info on sheilding is good to know, I'll start with a replacement
OD3, (I have two coming from an ebay supplier) and go from there since I
have no test equiptment. If that fails, I'll look into the power supply
issue. And probably contact the fella I spoke of above who works on tube
radios.

--
Plotus

704. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-29 17:57:02 UTC
From: kludge@panix.com
Message-ID: <id0phe$7qd$1@panix2.panix.com>
Source record: 824

Plotus <Plotus.7399498@radiobanter.com> wrote:
>> -B. The info on sheilding is good to know, I'll start with a replacement
>OD3, (I have two coming from an ebay supplier) and go from there since I
>have no test equiptment. If that fails, I'll look into the power supply
>issue. And probably contact the fella I spoke of above who works on tube
>radios.

There's nothing wrong with the OD3. Go buy a good multimeter..
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

705. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-11-30 22:40:32 UTC
From: OldbieOne <1986944@comcast.net>
Message-ID: <t6vaf6dmai2h91kogjkknlr48fq9gr5gsq@4ax.com>
Source record: 825

On Fri, 26 Nov 2010 14:48:16 +0000, Plotus <Plotus.735a018@radiobanter.com> did make me awaken from my chaotic existentialism when they didst announce:

<snipped>

My bet is you've got a shorted capacitor or another problem in the DC circuit. After several mystery ailments, I re-capped my HQ-120X and all was well after a re-alignment, never a problem since.

73

--
OldbieOne -
The guy who tells it like it is!

706. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-02 15:00:16 UTC
From: Plotus <Plotus.73d8919@radiobanter.com>
Message-ID: <Plotus.73d8919@radiobanter.com>
Source record: 826

OldbieOne;724645 Wrote:
> On Fri, 26 Nov 2010 14:48:16 +0000, Plotus
> Plotus.735a018@radiobanter.com did
> make me awaken from my chaotic existentialism when they didst announce:
> Sorry guys, I'm still figuring out where to put these replies in these
> posts. Thanks OB1 and the rest of you guys. A week ago I'd not have knew
> much or what you said ,....would have been VooDoo Babbel to me....
> fortunatly for alot of your previous posts on like topics.... I'v
> learned much. I got on ebay and bought and recieved an instruction
> manual, and fortunatly I'm grasping the mechanics and construction of
> radio building and concepts. I believe armed with these posts of
> possabilities and an ohm meter and schematic, I'll find the source. I'm
> also starting to believe that the bottom plate/cover may be touching,
> and did short something. I purchased rubber sheeting to put on top of
> the pan. Now if some of my other stuff will arive like tubes...
> thanks all ...Rich....
> snipped
>
> My bet is you've got a shorted capacitor or another problem in the DC
> circuit.
> After several mystery ailments, I re-capped my HQ-120X and all was well
> after a
> re-alignment, never a problem since.
>
> 73
>
>
> --
> OldbieOne -
> The guy who tells it like it is! I don't know where to put this reply

--
Plotus

707. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-03 06:13:53 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <eY-dnRnZPvE6F2XRnZ2dnUVZ_uadnZ2d@earthlink.com>
Source record: 827

"Scott Dorsey" <kludge@panix.com> wrote in message
news:id0phe$7qd$1@panix2.panix.com...
> Plotus <Plotus.7399498@radiobanter.com> wrote:
>>> -B. The info on sheilding is good to know, I'll start
>>> with a replacement
>>OD3, (I have two coming from an ebay supplier) and go from
>>there since I
>>have no test equiptment. If that fails, I'll look into the
>>power supply
>>issue. And probably contact the fella I spoke of above who
>>works on tube
>>radios.
>
> There's nothing wrong with the OD3. Go buy a good
> multimeter..
> --scott

Same here, your regulator tube is fine, its not lighting
because the high voltage isn't there. You need a decent
voltmeter. You can get a cheap one that will be good enough
to track down this problem as Radio Shack for a few dollars.
If you have a shorted filter capacitor running the set as
with it is gambling with the power transformer. Without some
measuring tools you are stuck. The handbook for the receiver
is available at the BAMA reflector, do a Google search for
BAMA. The handbook has a voltage and resistance chart in it
which will help isolate the problem.
The HQ-120-X was a very good receiver in its day and
still holds up very well, it is well worth the effort to
repair. Beside which its sexy looking.
I have just been working on its successor the HQ-129-X,
which is very similar and am quite pleased with it.
If you don't know anything about electronic trouble
shooting see if you can get some help from someone local.
Power supply problems are fundamental and, in something as
simple as this receiver, are not hard to find.

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

708. my love for you

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-04 17:27:47 UTC
From: sri priya <sanjiyakrishnan@gmail.com>
Message-ID: <35e8400b-b13e-4b74-9348-6a20610373f2@u25g2000pra.googlegroups.com>
Source record: 828

http://123maza.com/35/dream444/

709. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-05 21:56:16 UTC
From: Kenneth Scharf <wa2mze@bellsouth.net>
Message-ID: <idh1q3aum1@news.eternal-september.org>
Source record: 829

On 11/26/2010 09:48 AM, Plotus wrote:
> With the Hammarlund HQ120 that I recently purchased, If been having a
> great time DXing on all the bands and learning the in's and out's of
> this particular Vintage radio operation. However, yesterday I lost my
> OD3 tube. While working, I noticed that it put off a what appeared to
> be... ultraviolet or bluish colored light, and about mid-day the radio
> quit working. Wondering what might have went out, I let the radio return
> to room temp and later turned it back on with the top lid opened a
> couple inches to view the bulbs in operation. From what I could see,
> they all lit except the OD3 tube which I initally noticed because of the
> color, so I asume that is the cause of inoperability. I got online and
> bought a tube kit which included a complete HQ120 tube-set. I have no
> idea of course as to the lifespan of the old 'original' ....OD3 tube and
> if it's 'is' original or has been replaced sometime in the life of this
> radio.
>
> Back to the title of this post.... should one operate the HQ with the
> lid opened for cooling or add additional fan cooling from an outside
> source? Also I was operating this in an enclosed cabinet with sides, top
> and back, with about 8-10" of open space all around the radio? The
> inside temp of the room was probably 60 or so degrees, so it was typical
> cool fall weather. SHOULD I also cool and have the hood open? and should
> it be in a more open environment? Thanks.....
> Plotus AKA Richard...
>
>
>
>
From the descriptions I've heard your problem is that the power
resistor in series with the OD3 has opened up. The OD3 is used to
regulate the voltage to the oscillator section(s) of the receiver, and
with that resistor open the OD3 gets no power and won't light, the
oscillator in the receiver gets no power and won't work. You will still
get a hum out of the receiver as the AF section is still alive, in fact
if you touch the center terminal of the volume control with a finger
(through a .01uf cap so you avoid touching B+) you should get a LOUD
hum. With the LO and BFO sections dead, a superhet will receive NOTHING
(well if you inject a modulated 455khz signal to the antenna you should
hear THAT).

Look under the chassis for a rather black resistor connecting to the 0D3
socket. Usually resistors don't go bad unless there is something else
wrong, but on an old set like this all bets are off.

710. old morrow stuff

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-06 01:25:16 UTC
From: astar <max.stalnaker@gmail.com>
Message-ID: <69de69dd-08c3-497d-9803-fa203c45ff19@n2g2000pre.googlegroups.com>
Source record: 830

I recently picked up US General License. Do not really know
anything. No gear, but a friend gave me:

morrow mb-585 transmitter
jackson model 562 audio frequency oscillator
morrow 3 br-1, which looks to me to be an antenna bridge

Hey, the last time I was a ham,this was sort of what we had, so I know
about dry electrolytics, but I am puzzled about this stuff. The
transmitter has no recent google hits. Cannot find much about Morrow,
a Salem Oregon company, probably long gone.

I figure this is probably vintage and even has a little of the
original packing. No manuals, but looks like good shape to me. Of
course, I doubt I am brave enough to apply power. Hmm, researching a
bit, I should bring up the voltage gently!

So, two questions:

1) what are these items worth for resale?
2) if I want to be a collector, what would it cost me to bring this
stuff up to operation?

oh, and always the additional question:

3) hey, if I wanted to be a collector... gosh I need a morrow
receiver. :-)

I looked a bit at the transmitter. 10 meter. phone, cw capability. I
expect just AM. It has some sturdy big connectors and so I imagine it
needs an external power supply? Something else to find maybe, but I
figure the pin outs could be knowable.

711. Re: old morrow stuff

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-06 05:43:03 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <X_qdnRql_al36mHRnZ2dnUVZ5oidnZ2d@giganews.com>
Source record: 831

here's a Morrow MB-560

http://edoc4u.tripod.com/BA/Morrow/ham1/MB-560oblique.JPG

Old Chief Lynn

"astar" <max.stalnaker@gmail.com> wrote in message
news:69de69dd-08c3-497d-9803-fa203c45ff19@n2g2000pre.googlegroups.com...
>I recently picked up US General License. Do not really know
> anything. No gear, but a friend gave me:
>
> morrow mb-585 transmitter
> jackson model 562 audio frequency oscillator
> morrow 3 br-1, which looks to me to be an antenna bridge
>
> Hey, the last time I was a ham,this was sort of what we had, so I know
> about dry electrolytics, but I am puzzled about this stuff. The
> transmitter has no recent google hits. Cannot find much about Morrow,
> a Salem Oregon company, probably long gone.
>
> I figure this is probably vintage and even has a little of the
> original packing. No manuals, but looks like good shape to me. Of
> course, I doubt I am brave enough to apply power. Hmm, researching a
> bit, I should bring up the voltage gently!
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> So, two questions:
>
> 1) what are these items worth for resale?
> 2) if I want to be a collector, what would it cost me to bring this
> stuff up to operation?
>
> oh, and always the additional question:
>
> 3) hey, if I wanted to be a collector... gosh I need a morrow
> receiver. :-)
>
> I looked a bit at the transmitter. 10 meter. phone, cw capability. I
> expect just AM. It has some sturdy big connectors and so I imagine it
> needs an external power supply? Something else to find maybe, but I
> figure the pin outs could be knowable.
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712. Meet hot sexy Russian women now

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-06 06:05:32 UTC
From: Maria Randolt <mariarandolt@gmail.com>
Message-ID: <1c81a3bf-bbc0-48b0-909b-c8fed146105f@z17g2000prz.googlegroups.com>
Source record: 832

Think about your marriage and get trusted women
http://brad-zone.com/6zku

713. see* Jennifer* first night sex videos

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-06 17:41:23 UTC
From: varun <canadasports05@gmail.com>
Message-ID: <8e43caa1-71e6-4f71-b812-6a8c428f7d0d@o14g2000prn.googlegroups.com>
Source record: 833

see Jennifer first night sex videos At http://parishfashionvideos.co.cc

Due to High sex content I have Hidden the Videos
In an Image In that Website On Right Side Below Search Box
Click On Image And Watch Videos all angles

714. FS: Books

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-07 01:09:40 UTC
From: Eugene Rippen <soundval@muchstuff.com>
Message-ID: <Xns9E46AE8C110E6er7373@69.16.186.8>
Source record: 834

"Radio Transmitters", Department of the Navy, Air Force Manual 100-6.
Dated: 11-15-1957.
Good to very good condition. 173 pages. Pretty much a course o
n tube transmitters. $15.00 plus shipping

"UHF converters, their design and how they work". (1953) A Howard W. Sams
Photo fact publication UC-1. 41 letter size pages.
This is about converting the new (at that time) UHF TV signals to the
existing VHF frequencies. Good condition, some fraying on the binding
edge.
$3.00 plus shipping.

"CQ Anthology No. 102-1. The best of CQ 1945-1952" 160 pages. Good
condition. $8.00 plus shipping.

"Servicing by Signal Substition". (1947) Pecision Apperatus Company,
Inc. 99
pages. Came origionally with an E-200-C Signal Generator. Good
condition.
$5.00 plus shipping.

"VHF for the Radio Amateur". Frank C. Jones W6AJF. (1961) 208 pages.
VERY
good condition. $15.00 plus shipping.

Shipping will be $4.00 for the first book plus $1.00 for each additional
book shipped with the first.

PayPal, personal check or USPS money order.

Eugene Rippen, WB6SZS
Auburn, CA 95603

715. WTB or Trade for a National Type K dial

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-07 18:53:37 UTC
From: allfacts <ns5z@arrl.net>
Message-ID: <ae8ad60f-4c09-4e83-9cec-23e8b84c6c00@i25g2000prd.googlegroups.com>
Source record: 835

WTB or Trade for a National Type K dial. If you don't want money, I have lots of "stuff" to trade. I am building a Regen and want this dial for it. Also I have never seen one except in pics. I have money that can immediately to you via paypal.

Best 73 John NS5Z (318-222-5676)

716. Triplett model 3433 signal generator

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-08 00:06:06 UTC
From: damonlittle <damonlittle.744c959@radiobanter.com>
Message-ID: <damonlittle.744c959@radiobanter.com>
Source record: 836

I have one if anyone is interested

--
damonlittle

717. Looking Palm Cooking Oil

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-08 20:55:57 UTC
From: hjj <resourts116@gmail.com>
Message-ID: <f5fcaccf-04d3-42d3-872c-711fed8d5433@z20g2000pra.googlegroups.com>
Source record: 837

Looking Palm Cooking Oil
http://virgo-trading-inc.blogspot.com/

718. Re: TUBE Cooling? Yes or No?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-09 01:51:09 UTC
From: Richard Knoppow <dickburk@ix.netcom.com>
Message-ID: <S7qdnTsNdNy9q53QnZ2dnUVZ_sCdnZ2d@earthlink.com>
Source record: 838

"Kenneth Scharf" <wa2mze@bellsouth.net> wrote in message
news:idh1q3aum1@news.eternal-september.org...
> On 11/26/2010 09:48 AM, Plotus wrote:
>> With the Hammarlund HQ120 that I recently purchased, If
>> been having a
>> great time DXing on all the bands and learning the in's
>> and out's of
>> this particular Vintage radio operation. However,
>> yesterday I lost my
>> OD3 tube. While working, I noticed that it put off a what
>> appeared to
>> be... ultraviolet or bluish colored light, and about
>> mid-day the radio
>> quit working. Wondering what might have went out, I let
>> the radio return
>> to room temp and later turned it back on with the top lid
>> opened a
>> couple inches to view the bulbs in operation. From what I
>> could see,
>> they all lit except the OD3 tube which I initally noticed
>> because of the
>> color, so I asume that is the cause of inoperability. I
>> got online and
>> bought a tube kit which included a complete HQ120
>> tube-set. I have no
>> idea of course as to the lifespan of the old 'original'
>> ....OD3 tube and
>> if it's 'is' original or has been replaced sometime in
>> the life of this
>> radio.
>>
>> Back to the title of this post.... should one operate the
>> HQ with the
>> lid opened for cooling or add additional fan cooling from
>> an outside
>> source? Also I was operating this in an enclosed cabinet
>> with sides, top
>> and back, with about 8-10" of open space all around the
>> radio? The
>> inside temp of the room was probably 60 or so degrees, so
>> it was typical
>> cool fall weather. SHOULD I also cool and have the hood
>> open? and should
>> it be in a more open environment?

>> Thanks.....
>> Plotus AKA Richard...
>>
>>

>>
> From the descriptions I've heard your problem is that the
> power resistor in series with the OD3 has opened up. The
> OD3 is used to regulate the voltage to the oscillator
> section(s) of the receiver, and with that resistor open
> the OD3 gets no power and won't light, the oscillator in
> the receiver gets no power and won't work. You will still
> get a hum out of the receiver as the AF section is still
> alive, in fact if you touch the center terminal of the
> volume control with a finger (through a .01uf cap so you
> avoid touching B+) you should get a LOUD hum. With the LO
> and BFO sections dead, a superhet will receive NOTHING
> (well if you inject a modulated 455khz signal to the
> antenna you should hear THAT).
>
> Look under the chassis for a rather black resistor
> connecting to the 0D3 socket. Usually resistors don't go
> bad unless there is something else wrong, but on an old
> set like this all bets are off.

The resistor is a 3K, 10W, wire wound. Wire wound
resistors often go open because the joint between one end of
the winding and the terminal on the resistor has opened up
due to corrosion of the weld. Sometimes they can be fixed by
soldering at the joint. Otherwise, this is a pretty standard
value resistor and should not be difficult to replace. If
its just opened up it may look just fine. If it burned up
you would probably smell it. Also check the solder joints to
at the ends of the reisistor and at the terminals of the
regulator tube. These can run hot and fail after a long
period of time.
You may find that wiggling wires around the regulator
may bring it back to life, thats one way of showing up bad
solder joints.
You need a decent voltmeter to do even rudimentary
trouble shooting. They are available cheap from Radio Shack
and other sources. You don't need anything fancy. You may
find that a modern meter will read higher than the voltages
in the chart for the receiver. That's because the meter used
by Hammarlund, and specified by them, has rather low
resistance compared to a modern meter so it affects the
readings more.

--

--
Richard Knoppow
Los Angeles
WB6KBL
dickburk@ix.netcom.com

719. K9YA Telegraph, January 2011 - Subscribe for FREE

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-09 20:41:35 UTC
From: K9YA Telegraph <no_reply@yahoo.com>
Message-ID: <BBA5A791CCC04CDD842EA480DEF3230A@GRIMES>
Source record: 839
Cross-posted to: rec.radio.info,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.swap,alt.ham-radio.morse

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Premax Vertical Antenna By Philip Cala-Lazar, K9PL

Wired Love By Ella Cheever Thayer

Electromagnetic Pulses By Paul W. Ross, W3FIS

That Defining Moment By Charlie Cotterman, KA8OQF

Ham Lingo By Dick Sylvan, W9CBT

720. KARO HOT MASTI PHOTOS&VIDEOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-10 10:50:20 UTC
From: sravani loves u <sravyarani44@gmail.com>
Message-ID: <ad05d878-d987-4a24-845e-d431626fe293@e16g2000pri.googlegroups.com>
Source record: 840

FOR HOT PHOTOS&SOUTH FILM UPDATES

KATRINA SEXY PHOTOS
http://karomasti9.blogspot.com/2010/12/katrina.html
ANUSHKA HOT PHOTOS
http://karomasti9.blogspot.com/2010/12/anuska.html
BEAUTIFUL AISHWARIYA RAI
http://karomasti9.blogspot.com/2010/12/aiesh.html
TRISHA HOT PHOTOS
http://karomasti9.blogspot.com/2010/11/trisha-hot.html
FOR HOT MASTI
http://karomasti9.blogspot.com/

FOR HOT PHOTOS&ROMANTIC VIDEOS

HOT MODEL GIRL
http://sunanda-fastupdates.blogspot.com/2010/12/spicy-model.html
RANI MUKHARJEE IN A SEXY SAREE
http://sunanda-fastupdates.blogspot.com/2010/12/rani-mukharjee.html
ANJELINA JOLIE
http://sunanda-fastupdates.blogspot.com/2010/11/anjelinajolie.html
SEXY COLLEGE GIRLS
http://sunanda-fastupdates.blogspot.com/2010/11/college-girls.html

721. BFO..... newb question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-11 12:57:03 UTC
From: Plotus <Plotus.7496698@radiobanter.com>
Message-ID: <Plotus.7496698@radiobanter.com>
Source record: 841

Sir's & Sir ette's
Please indulge me here and throw a little education my way. Just what does a 'Beat Ocsillator' switch do? Mine is a Hammarlund HQ120 to which this question reguards. I'v searched 'Wiki' for 'BFO' and the technecal jargon (Probably infinantly simple to most) seemed to be beyond my comprehention, well sort of anyway. Please, is there someone who could put it into a 8th grade format? lol....Please explain. As a note..... when I was tuning SW broadcasts, it seemed that the beat oscillator switch on the upper right of my 120 made no apparent change in anything while listening ?

--
Plotus

722. Re: BFO..... newb question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-11 18:46:13 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <wL6dnUUYc7ZnW57QnZ2dnUVZ_r6dnZ2d@giganews.com>
Source record: 842

On 12/11/2010 7:57 AM, Plotus wrote:
> Sir's& Sir ette's
> Please indulge me here and throw a little education my way. Just what
> does a 'Beat Ocsillator' switch do? Mine is a Hammarlund HQ120 to which
> this question reguards. I'v searched 'Wiki' for 'BFO' and the technecal
> jargon (Probably infinantly simple to most) seemed to be beyond my
> comprehention, well sort of anyway. Please, is there someone who could
> put it into a 8th grade format? lol....Please explain. As a note.....
> when I was tuning SW broadcasts, it seemed that the beat oscillator
> switch on the upper right of my 120 made no apparent change in anything
> while listening ?
>

Hi,

The knob on the upper right controls a variable capacitor,
which adjusts the BFO pitch. It will only be active
if the "AGC" mode switch below it (Automatic Gain Control)
is set to "c.w." (Continuous Wave).

In brief, the BFO provides a means of hearing Morse Code.
If you were tuned in to a Morse station without
the BFO on, you would hear only thumps in the speaker,
not an on/off audio tone.

The BFO is also used for listening to single-sideband
voice transmissions, used by most hams today.
Without the BFO on, those transmissions sound like
Donald Duck.

I've found a manual on-line for the HQ-120X, which is an upgrade
to your HQ-120, in that it has variable selectivity,
but is otherwise the same as your receiver:
http://bama.edebris.com/manuals/hammarlu/hq120x/

The manual is available for free download.

Wikipedia is a good jumping off place for more information:
http://en.wikipedia.org/wiki/Communications_receiver

73 and welcome to the boatanchor hobby.

Ed Knobloch

723. Re: BFO..... newb question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-11 18:47:30 UTC
From: microtv@umich.edu
Message-ID: <4d03c7af$0$3844$6d36acad@usenetnewsserver.com>
Source record: 843

Go back to the wiki thing and enter "beat frequency oscillator" or just copy-n-paste:

http://en.wikipedia.org/wiki/Beat_frequency_oscillator

Read up on it, then come back with additional questions.

724. Chinese vacume tube needed---help

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-12 10:08:26 UTC
From: Elmer Sharpe <Elmer.Sharpe.74a63b9@radiobanter.com>
Message-ID: <Elmer.Sharpe.74a63b9@radiobanter.com>
Source record: 844

I bought a neat old Chinese military receiver on ebay some time ago.
Unfortunatly it has a bad 1B2 chinese tube. I don't believe there is a
knowen American conversion tube for this. If there is please tell me?
if not does anyone know where I can buy a chinese 1B2 vacume tube
please? regards, Elmer (Idaho)

--
Elmer Sharpe

725. Re: BFO..... newb question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-12 12:06:31 UTC
From: Plotus <Plotus.74ab819@radiobanter.com>
Message-ID: <Plotus.74ab819@radiobanter.com>
Source record: 848

microtv@umich.edu;725520 Wrote:
> Go back to the wiki thing and enter "beat frequency oscillator" or just
> copy-n-paste:
>
> http://en.wikipedia.org/wiki/Beat_frequency_oscillator
>
> Read up on it, then come back with additional questions.
I Think I get it now.

--
Plotus

726. Re: Chinese vacume tube needed---help

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-12 15:28:14 UTC
From: KD7HB <co_farmer@yahoo.com>
Message-ID: <8ab99552-77ff-4c75-8314-e0e9e10d86f2@35g2000prb.googlegroups.com>
Source record: 845

On Dec 12, 2:08 am, Elmer Sharpe <Elmer.Sharpe.
74a6...@radiobanter.com> wrote:
> I bought a neat old Chinese military receiver on ebay some time ago.
> Unfortunatly it has a bad 1B2 chinese tube. I don't believe there is a
> knowen American conversion tube for this. If there is please tell me?
> if not does anyone know where I can buy a chinese 1B2 vacume tube
> please? regards, Elmer (Idaho)
>
> --
> Elmer Sharpe

Did you try to email the guy you bought it from? Some guy here in
Redmond, OR has been selling old Chinese military radio stuff at ham
swap meets and also on Ebay. Did you get it from him?

Paul, KD7HB

727. Re: Chinese vacume tube needed---help

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-12 15:46:12 UTC
From: kludge@panix.com
Message-ID: <ie2qo4$d0t$1@panix2.panix.com>
Source record: 846

Elmer Sharpe <Elmer.Sharpe.74a63b9@radiobanter.com> wrote:
>
>I bought a neat old Chinese military receiver on ebay some time ago.
>Unfortunatly it has a bad 1B2 chinese tube. I don't believe there is a
>knowen American conversion tube for this. If there is please tell me?
>if not does anyone know where I can buy a chinese 1B2 vacume tube
>please? regards, Elmer (Idaho)

I think that is a current production Shuguang tube but I do not have a
Shuguang databook here.

I do have a Toshiba 1970 tube handbook which lists a Japanese 1B2 type
as a diode-pentode. Ri=500K, mu=13.5, B7G basing and 1.4V filament.

Check your circuit and see if the basing looks like that of a 1S5 tube.
If so, give the 1S5 a try, I think it should work.

Otherwise you can try tube dealers, but the 1B2 is the kind of thing
that folks try NOT to get from Shugang because there's little demand.
--scott

>
>
>
>
>--
>Elmer Sharpe

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

728. Re: Chinese vacume tube needed---help

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-12 17:04:52 UTC
From: Antonio Vernucci <vernucci@tin.it>
Message-ID: <4d0500ad$0$1578$4fafbaef@reader2.news.tin.it>
Source record: 847

"Elmer Sharpe" <Elmer.Sharpe.74a63b9@radiobanter.com> ha scritto nel messaggio
news:Elmer.Sharpe.74a63b9@radiobanter.com...
>
> I bought a neat old Chinese military receiver on ebay some time ago.
> Unfortunatly it has a bad 1B2 chinese tube. I don't believe there is a
> knowen American conversion tube for this. If there is please tell me?
> if not does anyone know where I can buy a chinese 1B2 vacume tube
> please? regards, Elmer (Idaho)
>
>

According to http://makezine.com/images/store/Vacuum%20Tube%20Radio.pdf the 1B2
is equivalent to the fairly common 1S5 tube.

73

Tony I0JX

729. Re: Chinese vacume tube needed---help

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-15 01:38:18 UTC
From: Jose' Himanez <jhimmanez@hispanic.org>
Message-ID: <f3e34$4d081b8c$4b7585af$20660@ALLTEL.NET>
Source record: 849

lookie here

1B2 vacume tube
http://cgi.ebay.com/LOT-8-8pcs-TUBEs-1B2P-NEW-/300485738283?pt=LH_DefaultDomain_0&hash=item45f6587f2b

730. Re: Heathkit IO-30 Manual

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-15 20:41:30 UTC
From: pa5tig <pa5tig@amsat.org>
Message-ID: <4d0927f7$0$27380$bf4948fe@news.tele2.nl>
Source record: 850

Hello,
the io-30 seems te replace the io-12
maybe you can try that manual at this site below.
http://www.nostalgickitscentral.com/heath/products/test.html

"Michael Breeman" <Michael.Breeman.74daf79@radiobanter.com> schreef in
bericht news:Michael.Breeman.74daf79@radiobanter.com...
>
> Require a complete service/construction manual for a Heathkit IO-30
> Oscilloscope. Also interested in a 5BP1 crt for this instrument, must be
> in VGC and both will be required to be posted to Australia.
>
>
>
>
> --
> Michael Breeman

731. Re: Heathkit IO-30 Manual

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-15 20:43:17 UTC
From: pa5tig <pa5tig@amsat.org>
Message-ID: <4d092862$0$27640$bf4948fe@news.tele2.nl>
Source record: 901

This site is more to the point..
http://www.radiomuseum.org/r/heath_breitband_oszillograf_io.html

"Michael Breeman" <Michael.Breeman.74daf79@radiobanter.com> schreef in
bericht news:Michael.Breeman.74daf79@radiobanter.com...
>
> Require a complete service/construction manual for a Heathkit IO-30
> Oscilloscope. Also interested in a 5BP1 crt for this instrument, must be
> in VGC and both will be required to be posted to Australia.
>
>
>
>
> --
> Michael Breeman

732. Re: Heathkit IO-30 Manual

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-15 21:36:19 UTC
From: kludge@panix.com
Message-ID: <iebccjids1@panix2.panix.com>
Source record: 902

pa5tig <pa5tig(at)@amsat.org> wrote:
>This site is more to the point..
>http://www.radiomuseum.org/r/heath_breitband_oszillograf_io.html
>
>"Michael Breeman" <Michael.Breeman.74daf79@radiobanter.com> schreef in
>bericht news:Michael.Breeman.74daf79@radiobanter.com...
>>
>> Require a complete service/construction manual for a Heathkit IO-30
>> Oscilloscope. Also interested in a 5BP1 crt for this instrument, must be
>> in VGC and both will be required to be posted to Australia.

1. Most of the Heathkit scopes are very similar inside and a manual for one
will apply to most of them.

2. The power transformer has failed. The HV winding is bad.

3. If the power transformer has not failed, it will fail soon.

4. Replacement CRTs are very common, because so many of these scopes are
thrown away when the power transformer fails.
--scott
--
"C'est un Nagra. C'est suisse, et tres, tres precis."

733. Re: Heathkit IO-30 Manual

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-16 05:05:44 UTC
From: coffelt2 <coffelt2@comcast.net>
Message-ID: <BaednTaqaae3A5TQnZ2dnUVZ5rWdnZ2d@giganews.com>
Source record: 903

"Scott Dorsey" <kludge@panix.com> wrote in message
news:iebccjids1@panix2.panix.com...
>
> 2. The power transformer has failed. The HV winding is bad.
>
> 3. If the power transformer has not failed, it will fail soon.
>
When the transformer on my precious Goldstar oscilloscope failed and no
exact
replacement was available (what a surprise!), I was faced with hanging two
or
three transformers externally. . . . .or rewind. Bit the bullet and
patiently unwrapped
and rewound the failed one. Five windings with three different size wire.
Miserable job,
but it did finally fit in it's case and except for a little hummummmumm,
seems to work
Ok.

W7LTQ

734. Re: Heathkit IO-30 Manual

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-16 14:31:02 UTC
From: kludge@panix.com
Message-ID: <ied7r6jpj1@panix2.panix.com>
Source record: 904

In article <BaednTaqaae3A5TQnZ2dnUVZ5rWdnZ2d@giganews.com>,
coffelt2 <coffelt2@comcast.net> wrote:
>
>"Scott Dorsey" <kludge@panix.com> wrote in message
>news:iebccjids1@panix2.panix.com...
>>
>> 2. The power transformer has failed. The HV winding is bad.
>>
>> 3. If the power transformer has not failed, it will fail soon.
>
>When the transformer on my precious Goldstar oscilloscope failed and no
>exact
>replacement was available (what a surprise!), I was faced with hanging two
>or
>three transformers externally. . . . .or rewind. Bit the bullet and
>patiently unwrapped
>and rewound the failed one. Five windings with three different size wire.
>Miserable job,
>but it did finally fit in it's case and except for a little hummummmumm,
>seems to work
>Ok.

The Heathkit ones usually lose the HV winding which is teeny tiny wire and
a real pain to work with, BUT the good news is that it's the outside winding
so you only have to unwrap that instead of all the whole thing. I suspect
the worst quality magnet wire available today is better than the stuff
Heathkit used by a long shot.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

735. Trade: AMP Supply LK-800 Three Holer

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-17 18:41:21 UTC
From: ritchi50@optonline.net
Message-ID: <cmbng65tuh2ch64setda3g13i0d3alc4ut@4ax.com>
Source record: 905

```
Trade: AMP Supply LK-800 Three Holer
3 of the 3cx800a7s in it.
Tubes only 6 months old.
Looking to trade for Ham gear.
Just tell me what you are offering to trade for it, I'am open to trade
for all types of ham gear.
This is in Excellent Shape!! Non Smoker!!
Rare amp!!
ritchi50@optonline.net
```

736. Vintage Potentiometer Info?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-18 21:42:32 UTC
From: Mahoidar <mahoidar@mahoidar.com>
Message-ID: <kV9Po.60428$ro5.37492@newsfe24.ams2>
Source record: 906

I am looking for parts to build a portable tube transmitter-receiver
project from an artcle that appeared in the September 1950's QST.
It utilises a dual potentiometer, one gang is 2M ohm, the other is 5K ohms.
The parts list gives the 2M as "RC M13-139" and the 5K as "IRC PQ 11-114".
Do these numbers mean anything to anyone, and if so, please can you explain?
Any assistance will be greatly appreciated.

737. Re: Vintage Potentiometer Info?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-18 22:51:26 UTC
From: richgr@panix.com
Message-ID: <iejdtefat1@reader1.panix.com>
Source record: 907

In article <kV9Po.60428$ro5.37492@newsfe24.ams2>,
Mahoidar <mahoidar@mahoidar.com> wrote:
>I am looking for parts to build a portable tube transmitter-receiver
>project from an artcle that appeared in the September 1950's QST.
>It utilises a dual potentiometer, one gang is 2M ohm, the other is 5K ohms.
>The parts list gives the 2M as "RC M13-139" and the 5K as "IRC PQ 11-114".
>Do these numbers mean anything to anyone, and if so, please can you explain?
>Any assistance will be greatly appreciated.

In that time frame, you could buy the front and rear portions of a dual
pot seperately and snap them together. There were versions where one
shaft turned both and other versions where the front pot had a hollow
shaft and the rear shaft fitted inside it, and they could be turned
independantly. If the second case is what you need, just use 2 seperate
pots. For the first case, you are probably SOL.

--
Rich Greenberg Sarasota, FL, USA richgr atsign panix.com + 1 941 378 2097
Eastern time. N6LRT I speak for myself & my dogs only. VM'er since CP-67
Canines: Val, Red, Shasta, Zero & Casey (At the bridge) Owner:Chinook-L
Canines: Red & Cinnar (Siberians) Retired at the beach Asst Owner:Sibernet-L

738. Re: Vintage Potentiometer Info?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-18 23:54:43 UTC
From: kludge@panix.com
Message-ID: <iejhk3$gt0$1@panix2.panix.com>
Source record: 908

Mahoidar <mahoidar@mahoidar.com> wrote:
>I am looking for parts to build a portable tube transmitter-receiver
>project from an artcle that appeared in the September 1950's QST.
>It utilises a dual potentiometer, one gang is 2M ohm, the other is 5K ohms.
>The parts list gives the 2M as "RC M13-139" and the 5K as "IRC PQ 11-114".
>Do these numbers mean anything to anyone, and if so, please can you explain?
>Any assistance will be greatly appreciated.

I think those are numbers from IRC, a company which still exists as part
of the Vishay empire, I think. They are probably not useful.

I think you may be able to get stacking pots still from CTS. And the
Mod-Pot system is still available but relatively low power.
--scott

--
"C'est un Nagra. C'est suisse, et tres, tres precis."

739. Re: Vintage Potentiometer Info?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-19 00:34:20 UTC
From: Michael Black <et472@ncf.ca>
Message-ID: <Pine.LNX.4.64.1012181932430.728@darkstar.example.net>
Source record: 909

On Sat, 18 Dec 2010, Mahoidar wrote:

> I am looking for parts to build a portable tube transmitter-receiver
> project from an artcle that appeared in the September 1950's QST.
> It utilises a dual potentiometer, one gang is 2M ohm, the other is 5K ohms.
> The parts list gives the 2M as "RC M13-139" and the 5K as "IRC PQ 11-114".
> Do these numbers mean anything to anyone, and if so, please can you explain?
> Any assistance will be greatly appreciated.
>

But what are the pots doing? Is this a space saving thing, or is there some concrete reason why the pots are ganged? Even if they "need" to be ganged, the circuit will define why, and we don't know what the circuit is.

Michael VE2BVW

740. Re: Vintage Potentiometer Info?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-19 06:29:13 UTC
From: Edward Knobloch <alias@nowhere.net>
Message-ID: <kOCdnTM1ZubCO5DQnZ2dnUVZ_tudnZ2d@giganews.com>
Source record: 910

On 12/18/2010 4:42 PM, Mahoidar wrote:
> I am looking for parts to build a portable tube transmitter-receiver
> project from an artcle that appeared in the September 1950's QST.
> It utilises a dual potentiometer, one gang is 2M ohm, the other is 5K ohms.
> The parts list gives the 2M as "RC M13-139" and the 5K as "IRC PQ 11-114".
> Do these numbers mean anything to anyone, and if so, please can you explain?
> Any assistance will be greatly appreciated.
>

Hi,

You can use two pots - one is for the rcvr audio gain,
and the other is for IF gain, as explained on page 19 of the article.
Use an audio taper pot for the 2M pot section,
and a linear pot for the 5K.

741. Re: Vintage Potentiometer Info?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-19 12:59:52 UTC
From: Mahoidar <mahoidar@mahoidar.com>
Message-ID: <mlnPo.34456$jO1.11606@newsfe07.ams2>
Source record: 911

"Michael Black" <et472@ncf.ca> wrote in message
news:Pine.LNX.4.64.1012181932430.728@darkstar.example.net...
> On Sat, 18 Dec 2010, Mahoidar wrote:
>
>> I am looking for parts to build a portable tube transmitter-receiver
>> project from an artcle that appeared in the September 1950's QST.
>> It utilises a dual potentiometer, one gang is 2M ohm, the other is 5K
>> ohms.
>> The parts list gives the 2M as "RC M13-139" and the 5K as "IRC PQ
>> 11-114".
>> Do these numbers mean anything to anyone, and if so, please can you
>> explain?
>> Any assistance will be greatly appreciated.
>>
> But what are the pots doing? Is this a space saving thing, or is there
> some concrete reason why the pots are ganged? Even if they "need" to be
> ganged, the circuit will define why, and we don't know what the circuit
> is.
>
> Michael VE2BVW
>

The pots are ganged because one controls the audio gain and the other
controls bias on the grid of the convertor tube. The circuit in question is
"The Mountaineer" - A Hiker's Portable,
featured in QST for September 1950.
I suppose two seperate pots could be used, but a dual pot makes life easier.

742. Re: Vintage Potentiometer Info?

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-19 19:01:40 UTC
From: nobody@nobody.com
Message-ID: <4d0e5694$0$21664$bbae4d71@news.suddenlink.net>
Source record: 912

This guy can make any pot you could ever need.
http://www.oldradioparts.net/

Darrell, WA5VGO

743. HOLLYWOOD ACTRESS ANGELINA JOLIE SECRET SEX VIDEOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-20 02:24:52 UTC
From: devi <magguru.anilkumar@gmail.com>
Message-ID: <913fccc8-fa64-4e72-bb3a-5b735b076ed5@u9g2000pra.googlegroups.com>
Source record: 913

HOLLYWOOD ACTRESS ANGELINA JOLIE SECRET SEX VIDEOS AT http://kissmeanybody.co.cc

Due to High sex content I have Hidden the Videos
In an Image In that Website On Right Side Below Search Box
Click On Image And Watch Videos all angles

744. Question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-22 01:40:51 UTC
From: JacksRadios <nobody@nowhere.net>
Message-ID: <qml2h65qhriurak4cib5abv3svga0efvqr@4ax.com>
Source record: 914

One of my ham radio buddies passed away a few months ago, leaving behind several old boatanchor receivers. Is it OK to post them for sale here? TIA

John

745. Re: Question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-22 02:43:06 UTC
From: david <none@nospam.com>
Message-ID: <ierojq$69e$1@news.eternal-september.org>
Source record: 915

On Tue, 21 Dec 2010 20:40:51 -0500, JacksRadios rearranged some electrons
to say:

> One of my ham radio buddies passed away a few months ago, leaving behind
> several old boatanchor receivers. Is it OK to post them for sale here?
> TIA
>
> John

Probably not, if they are part of his estate.

746. Re: Question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-22 03:18:27 UTC
From: Nordic Breeds WA4VZQ <wa4vzqNO@SPAMlive.com>
Message-ID: <ierqm5vbm1@news.eternal-september.org>
Source record: 916

"JacksRadios" <nobody@nowhere.net> wrote in message
news:qml2h65qhriurak4cib5abv3svga0efvqr@4ax.com...
> One of my ham radio buddies passed away a few months ago, leaving
> behind several old boatanchor receivers. Is it OK to post them for
> sale here? TIA
>
> John

Thanks for asking, John.

Technically, the only correct place to list amateur radio equipment (and all radio equipment) for sale is the newsgroup "rec.radio.swap". Unfortunately many sellers, more concerned with a quick profit than they are with netiquette, post in every group they can think of. This newsgroup is more oriented to technical questions about boatanchors such as alignment procedures, getting replacement parts, troubleshooting, etc. While this group's emphasis is dominated by vacuum tube gear, posts on early solid state gear such as the National HRO-500 are welcome too. With the recent popularity in boatanchors, I am sure your posts will get lots of attention.

A few suggestions...

When describing a radio, note both its electrical condition (does it work, and if so, how well?), and its cosmetic condition. If you have not tested the receivers, say so. Also note if the equipment has been modified, and if so, how neat was the work. If there is any documentation associated with the equipment such as manuals, it should be included in your description. Likewise any accessories should also be described. Since the "rec" groups do not allow binaries, posting pictures is a little difficult. You can email them directly to those who ask, or if your news server carries the "alt" newsgroups, you can post pictures on "alt.binaries.pictures.radio".

I wish you the best of luck in finding new homes for these receivers. Please accept my condolences on the loss of your friend.

Dr. Barry L. Ornitz WA4VZQ

747. Re: Question

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-22 14:36:22 UTC
From: JohnsRadios <nobody@nowhere.net>
Message-ID: <mp24h69am2ian0m8fpksbq8ufp1p8pt1a3@4ax.com>
Source record: 917

>> One of my ham radio buddies passed away a few months ago, leaving
>> behind several old boatanchor receivers. Is it OK to post them for
>> sale here? TIA
>>
>> John
>
>Thanks for asking, John.
>
>Technically, the only correct place to list amateur radio equipment (and
>all radio equipment) for sale is the newsgroup "rec.radio.swap".
>Unfortunately many sellers, more concerned with a quick profit than they
>are with netiquette, post in every group they can think of. This
>newsgroup is more oriented to technical questions about boatanchors such
>as alignment procedures, getting replacement parts, troubleshooting, etc.
>While this group's emphasis is dominated by vacuum tube gear, posts on
>early solid state gear such as the National HRO-500 are welcome too.
>With the recent popularity in boatanchors, I am sure your posts will get
>lots of attention.
>
>A few suggestions...
>
>When describing a radio, note both its electrical condition (does it
>work, and if so, how well?), and its cosmetic condition. If you have not
>tested the receivers, say so. Also note if the equipment has been
>modified, and if so, how neat was the work. If there is any
>documentation associated with the equipment such as manuals, it should be
>included in your description. Likewise any accessories should also be
>described. Since the "rec" groups do not allow binaries, posting
>pictures is a little difficult. You can email them directly to those who
>ask, or if your news server carries the "alt" newsgroups, you can post
>pictures on "alt.binaries.pictures.radio".
>
>I wish you the best of luck in finding new homes for these receivers.
>Please accept my condolences on the loss of your friend.
>
> Dr. Barry L. Ornitz WA4VZQ
>
>
Hi Barry,

Thanks for the info. I remembered some time ago some posts here about
not posting FS items, and I wanted to confirm that. I have been
selling quite a bit of gear over the years on eBay, and I had enough
of eBay's policies that give very little, if any, protection for

sellers. Nothing stops buyers from receiving an item, then stating it's not as described (truthfully or not) and eBay/PayPal siding with the buyer by freezing funds, etc. I even had one guy who purposely damaged a radio I sold him so he could get his money back (it was a commercial two-way mobile, and he bought the wrong model).

I already sold some gear on eHam, so I'll try my luck in a non-eBay environment.

Again, thanks for the info. Take care.

John N3AB

748. wanted drake's r4c and tr4c tnx

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-26 18:41:48 UTC
From: iw2heu <iw2heu.75d8178@radiobanter.com>
Message-ID: <iw2heu.75d8178@radiobanter.com>
Source record: 918

Hi, does anybody wants to sell an r4c (better r4Cw) and a tr4c
overseas?
I live in Italy, if interested please mail to paolopasse@yahoo.it

'73 de IW2HEU

--
iw2heu

749. ADULT HOT PHOTOS&VIDEOS

Newsgroup: rec.radio.amateur.boatanchors
Date: 2010-12-28 15:33:15 UTC
From: darling <sunanda9030@gmail.com>
Message-ID: <0c2da1e6-9286-481f-9781-11d02d48faa0@h17g2000pre.googlegroups.com>
Source record: 919

SEXY DIYA MIRZA
http://karomasti9.blogspot.com/2010/12/diya-mirza.html
HOT AISHWARIYA RAI
http://karomasti9.blogspot.com/2010/12/aish.html
priyamani hot&sexy photos
http://karomasti9.blogspot.com/2010/12/priyamani.html
KATRINA SEXY PHOTOS
http://karomasti9.blogspot.com/2010/12/katrina.html
ANUSHKA HOT PHOTOS
http://karomasti9.blogspot.com/2010/12/anuska.html
BEAUTIFUL AISHWARIYA RAI
http://karomasti9.blogspot.com/2010/12/aiesh.html
TRISHA HOT PHOTOS
http://karomasti9.blogspot.com/2010/11/trisha-hot.html
AMISHAPATEL HOT VIDEOS
http://karomasti9.blogspot.com/search/label/amisha
HANSIKHA HOT SEXY PHOTOS
http://karomasti9.blogspot.com/search/label/HANSIKA
HOT SEXY COLLEGE GIRLS
http://karomasti9.blogspot.com/search/label/hot
BEAUTIFUL LARADATTA
http://karomasti9.blogspot.com/search/label/laradatta
NIKISHA HOT BOOBS
http://karomasti9.blogspot.com/search/label/nikisha
PRIYANKA SPICY LATEST PICS
http://karomasti9.blogspot.com/search/label/priyanka
ONLY FOR YOUTH
http://karomasti9.blogspot.com/search/label/spicy
SRILEKHA UNSEENED PHOTOS
http://karomasti9.blogspot.com/search/label/Srilekha
CHOPRA UNBELIVABLE PHOTOS
http://karomasti9.blogspot.com/search/label/chopra
HOT BIPASA BASU PHOTOS
http://karomasti9.blogspot.com/search/label/bipasa
TRISHA IN A SEXY FEEL
http://karomasti9.blogspot.com/search/label/thrisha
SRISHA HOT BOOBS SHOW
http://karomasti9.blogspot.com/search/label/srisha
BEAUTIFUL POONAM PHOTOS
http://karomasti9.blogspot.com/search/label/poonam